



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Number                                 | ARP54350_P050-FITC                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Page                                   | <a href="http://www.avivasysbio.com/alox12-antibody-c-terminal-region-fitc-arp54350-p050-fitc.html">www.avivasysbio.com/alox12-antibody-c-terminal-region-fitc-arp54350-p050-fitc.html</a>                                                                                                                                                                                                                                           |
| Name                                           | ALOX12 Antibody - C-terminal region : FITC (ARP54350_P050-FITC)                                                                                                                                                                                                                                                                                                                                                                      |
| Protein Size (# AA)                            | 663 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Molecular Weight                               | 76kDa                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Conjugation                                    | FITC: Fluorescein Isothiocyanate                                                                                                                                                                                                                                                                                                                                                                                                     |
| NCBI Gene Id                                   | 239                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration                                  | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Full Name                                 | Arachidonate 12-lipoxygenase                                                                                                                                                                                                                                                                                                                                                                                                         |
| Alias Symbols                                  | LOG12, 12-LOX, 12S-LOX                                                                                                                                                                                                                                                                                                                                                                                                               |
| Peptide Sequence                               | Synthetic peptide located within the following region:<br><a href="#">MGSLPDVVRQACLQMAISWHLSRRQPDMPVPLGHHKEKYFSGPKPKAVLNQF</a>                                                                                                                                                                                                                                                                                                       |
| Product Format                                 | Liquid. Purified antibody supplied in 1x PBS buffer.                                                                                                                                                                                                                                                                                                                                                                                 |
| Reference                                      | Guimaraes,P.E., (er) Spinal Cord (2008) In press                                                                                                                                                                                                                                                                                                                                                                                     |
| Description of Target                          | ALOX12 belongs to the lipoxygenase family. It contains 1 lipoxygenase domain and 1 PLAT domain. It has oxygenase and 14,15-leukotriene A4 synthase activity.                                                                                                                                                                                                                                                                         |
| Protein Interactions                           | ACTA2; ALOX12; TRIB1; KRT85; KAT5; PLA2G2A; LMNA; KRT5; ITGB4;                                                                                                                                                                                                                                                                                                                                                                       |
| Reconstitution and Storage                     | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding. |
| Datasheets/Manuals                             | Printable datasheet for <a href="#">anti-ALOX12 (ARP54350_P050-FITC) antibody</a>                                                                                                                                                                                                                                                                                                                                                    |
| Blocking Peptide                               | For anti-ALOX12 (ARP54350_P050-FITC) antibody is <a href="#">Catalog # AAP54350</a> (Previous Catalog # AAPP31125)                                                                                                                                                                                                                                                                                                                   |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the C terminal region of human ALOX12                                                                                                                                                                                                                                                                                                                                          |
| Uniprot ID                                     | <a href="#">P18054</a>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Name                                   | Arachidonate 12-lipoxygenase, 12S-type                                                                                                                                                                                                                                                                                                                                                                                               |
| Protein Accession #                            | <a href="#">NP_000688</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purification                                   | Affinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Nucleotide Accession #                         | <a href="#">NM_000697</a>                                                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Symbol                                    | <a href="#">ALOX12</a>                                                                                                                                                                                                                                                                                                                                                                                                               |
| Predicted Species Reactivity                   | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit                                                                                                                                                                                                                                                                                                                                                                               |
| Application                                    | WB                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Predicted Homology Based on Immunogen Sequence | Cow: 86%; Dog: 86%; Guinea Pig: 79%; Horse: 93%; Human: 100%; Mouse: 77%; Rabbit: 79%; Rat: 86%                                                                                                                                                                                                                                                                                                                                      |

**Image 1**



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

---

AVIVA SYSTEMS BIOLOGY

6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | [info@avivasysbio.com](mailto:info@avivasysbio.com)