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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ALOX12 Antibody - C-terminal region : Biotin (ARP54350_P050-Biotin)

Data Sheet

Product Number	ARP54350_P050-Biotin
Product Page	www.avivasysbio.com/alox12-antibody-c-terminal-region-biotin-arp54350-p050-biotin.html
Name	ALOX12 Antibody - C-terminal region : Biotin (ARP54350_P050-Biotin)
Protein Size (# AA)	663 amino acids
Molecular Weight	76kDa
Conjugation	Biotin
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: MGSLPDVVRQACLQMAISWHLSRRQPDMPVPLGHHKEKYFSGPKPKAVLNQF
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 anti-ALOX12 (ARP54350_P050-Biotin) antibody
Blocking Peptide	For anti-ALOX12 (ARP54350_P050-Biotin) antibody is Catalog # AAP54350 (Previous Catalog # AAPP31125)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ALOX12
Uniprot ID	P18054
Protein Name	Arachidonate 12-lipoxygenase, 12S-type
Protein Accession #	NP_000688
Purification	Affinity Purified
Nucleotide Accession #	NM_000697
Gene Symbol	ALOX12
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.

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