



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 Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

www.szabo-scandic.com

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

Product Number	ARP53592_P050-Biotin
Product Page	www.avivasysbio.com/aqp5-antibody-c-terminal-region-biotin-arp53592-p050-biotin.html
Name	AQP5 Antibody - C-terminal region : Biotin (ARP53592_P050-Biotin)
Protein Size (# AA)	265 amino acids
Molecular Weight	28kDa
Conjugation	Biotin
NCBI Gene Id	362
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	aquaporin 5
Alias Symbols	PPKB, AQP-5
Peptide Sequence	Synthetic peptide located within the following region: RFSPAHWVFWVGPIVGAVLAAILYFYLLFPNSLSLSERVAIIKGTYPDE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Aquaporin 5 (AQP5) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 5 plays a role in the generation of saliva, tears and pulmonary secretions. AQP0, AQP2, AQP5, and AQP6 are closely related and all map to 12q13.
Protein Interactions	NOTCH2NL; KRT40; KRT31; HNRNPK; MDFI; WNT2; GLRX;
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-AQP5 (ARP53592_P050-Biotin) antibody
Blocking Peptide	For anti-AQP5 (ARP53592_P050-Biotin) antibody is Catalog # AAP53592
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Human AQP5
Uniprot ID	P55064
Protein Name	Aquaporin-5
Sample Type Confirmation	AQP5 is supported by BioGPS gene expression data to be expressed in COLO205
Protein Accession #	NP_001642
Purification	Affinity Purified
Nucleotide Accession #	NM_001651
Gene Symbol	AQP5
Predicted Species Reactivity	Human, Rat, Cow, Dog, Guinea Pig, Horse, Sheep
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 79%; Guinea Pig: 79%; Horse: 86%; Human: 100%; Rat: 86%; Sheep: 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