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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58435_P050-Biotin
Product Page	www.avivasysbio.com/caps-antibody-n-terminal-region-biotin-arp58435-p050-biotin.html
Name	CAPS Antibody - N-terminal region : Biotin (ARP58435_P050-Biotin)
Protein Size (# AA)	189 amino acids
Molecular Weight	21kDa
Conjugation	Biotin
NCBI Gene Id	828
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Calcyphosine
Alias Symbols	CAPS1
Peptide Sequence	Synthetic peptide located within the following region: DAVDATMEKLRAQCLSRGASGIQGLARFFRQLDRDGSRSRLDADEFROGLA
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Grimwood,J., (2004) Nature 428 (6982), 529-535
Description of Target	CAPS is a calcium-binding protein, which may play a role in the regulation of ion transport. A similar protein was first described as a potentially important regulatory protein in the dog thyroid and was termed as R2D5 antigen in rabbit. This gene encodes a calcium-binding protein, which may play a role in the regulation of ion transport. A similar protein was first described as a potentially important regulatory protein in the dog thyroid and was termed as R2D5 antigen in rabbit. Alternative splicing of this gene generates two transcript variants.
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-CAPS (ARP58435_P050-Biotin) antibody
Blocking Peptide	For anti-CAPS (ARP58435_P050-Biotin) antibody is Catalog# AAP58435 (Previous Catalog# AAPP34551)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CAPS
Uniprot ID	Q13938
Protein Name	Calcyphosin
Protein Accession #	NP_004049
Purification	Affinity Purified
Nucleotide Accession #	NM_004058
Gene Symbol	CAPS
Predicted Species Reactivity	Human, Rat, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Horse: 85%; Human: 100%; Pig: 77%; Rabbit: 92%; Rat: 100%

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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