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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56529_P050-Biotin
Product Page	www.avivasysbio.com/s100a5-antibody-n-terminal-region-biotin-arp56529-p050-biotin.html
Name	S100A5 Antibody - N-terminal region : Biotin (ARP56529_P050-Biotin)
Protein Size (# AA)	92 amino acids
Molecular Weight	10kDa
Conjugation	Biotin
NCBI Gene Id	6276
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	S100 calcium binding protein A5
Alias Symbols	S100D
Peptide Sequence	Synthetic peptide located within the following region: ETPLEKALTMVTTTFHKYSGREGSKLTLRKLKELIKKELCLGEMKSS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein has a Ca ²⁺ affinity 20- to 100-fold higher than the other S100 proteins studied under identical conditions. This protein also binds Zn ²⁺ and Cu ²⁺ , and Cu ²⁺ strongly which impairs the binding of Ca ²⁺ . This protein is expressed in very restricted regions of the adult brain.
Protein Interactions	S100A5;
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-S100A5 (ARP56529_P050-Biotin) antibody
Blocking Peptide	For anti-S100A5 (ARP56529_P050-Biotin) antibody is Catalog # AAP56529
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human S10A5
Uniprot ID	P33763
Protein Name	protein S100-A5
Purification	Affinity Purified
Gene Symbol	S100A5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; 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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