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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	ARP54529_P050-Biotin
Product Page	www.avivasysbio.com/arsa-antibody-middle-region-biotin-arp54529-p050-biotin.html
Name	ARSA Antibody - middle region : Biotin (ARP54529_P050-Biotin)
Protein Size (# AA)	507 amino acids
Molecular Weight	52kDa
Conjugation	Biotin
NCBI Gene Id	410
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Arylsulfatase A
Alias Symbols	ASA, MLD
Peptide Sequence	Synthetic peptide located within the following region: KQLQLLKAQLDAAVTFGPSQVARGEDPALQICCHPGCTPRPACCHCPDPH
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Saito,S., (2008) Mol. Genet. Metab. 93 (4), 419-425
Description of Target	ARSA hydrolyzes cerebroside sulfate. Defects in ARSA are a cause of leukodystrophy metachromatic (MLD). The protein encoded by this gene hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this gene lead to metachromatic leucodystrophy (MLD), a progressive demyelination disease which results in a variety of neurological symptoms and ultimately death. Multiple alternatively spliced transcript variants, one of which encodes a distinct protein, have been described for this gene.
Protein Interactions	TRIP13; PPIC; CETN2; CLEC4G; ARSA; GAL3ST1; BMPR2; CTSL;
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-ARSA (ARP54529_P050-Biotin) antibody
Blocking Peptide	For anti-ARSA (ARP54529_P050-Biotin) antibody is Catalog # AAP54529 (Previous Catalog # AAPP31313)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ARSA
Uniprot ID	P15289
Protein Name	Arylsulfatase A
Protein Accession #	NP_001078896
Purification	Affinity Purified
Nucleotide Accession #	NM_001085427
Gene Symbol	ARSA
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 79%; Dog: 92%; Horse: 92%; Human: 100%; Mouse: 86%; Pig: 92%; Rabbit: 79%; Rat: 85%

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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