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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

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	ARP56073_P050-Biotin
Product Page	www.avivasysbio.com/aspa-antibody-middle-region-biotin-arp56073-p050-biotin.html
Name	ASPA Antibody - middle region : Biotin (ARP56073_P050-Biotin)
Protein Size (# AA)	313 amino acids
Molecular Weight	36kDa
Conjugation	Biotin
NCBI Gene Id	443
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Aspartoacylase
Alias Symbols	ASP, ACY2
Peptide Sequence	Synthetic peptide located within the following region: IKTSLAPLPCYVYLLIEHPSLKYATTRSIAKYVPVGLIEVGPQPGVLRADIL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Le (2008) Biochemistry 47 (11), 3484-3492
Description of Target	ASPA catalyzes the deacetylation of N-acetylaspartic acid (NAA) to produce acetate and L-aspartate. NAA occurs in high concentration in brain and its hydrolysis NAA plays a significant part in the maintenance of intact white matter. In other tissues it acts as a scavenger of NAA from body fluids. This gene encodes an enzyme that catalyzes the conversion of N-acetyl-L-aspartic acid (NAA) to aspartate and acetate. NAA is abundant in the brain where hydrolysis by aspartoacylase is thought to help maintain white matter. This protein is an NAA scavenger in other tissues. Mutations in this gene cause Canavan disease. Alternatively spliced transcript variants have been found for this gene.
Protein Interactions	ACY3; ASPA;
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-ASPA (ARP56073_P050-Biotin) antibody
Blocking Peptide	For anti-ASPA (ARP56073_P050-Biotin) antibody is Catalog # AAP56073 (Previous Catalog # AAPP37538)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ASPA
Uniprot ID	P45381
Protein Name	Aspartoacylase
Protein Accession #	NP_000040
Purification	Affinity Purified
Nucleotide Accession #	NM_000049
Gene Symbol	ASPA
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
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%; Zebrafish: 79%

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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com