



# 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 HandelsgmbH

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

Product Number	ARP56073_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/aspa-antibody-middle-region-hrp-arp56073-p050-hrp.html">www.avivasysbio.com/aspa-antibody-middle-region-hrp-arp56073-p050-hrp.html</a>
Name	ASPA Antibody - middle region : HRP (ARP56073_P050-HRP)
Protein Size (# AA)	313 amino acids
Molecular Weight	36kDa
Conjugation	HRP: Horseradish Peroxidase
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: <a href="#">IKTSLAPLPCYVYLIEHPSLKYATTRSIAKYYPVGVIEVGPQPQGVLRADIL</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
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 <a href="#">anti-ASPA (ARP56073_P050-HRP) antibody</a>
Blocking Peptide	For anti-ASPA (ARP56073_P050-HRP) antibody is <a href="#">Catalog# AAP56073</a> (Previous Catalog # AAPP37538)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ASPA
Uniprot ID	<a href="#">P45381</a>
Protein Name	Aspartoacylase
Protein Accession #	<a href="#">NP_000040</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_000049</a>
Gene Symbol	<a href="#">ASPA</a>
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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