



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

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	ARP56762_P050-HRP
Product Page	www.avivasysbio.com/ache-antibody-middle-region-hrp-arp56762-p050-hrp.html
Name	ACHE Antibody - middle region : HRP (ARP56762_P050-HRP)
Protein Size (# AA)	614 amino acids
Molecular Weight	68kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	43
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Acetylcholinesterase
Alias Symbols	YT, ACEE, ARACHE, N-ACHE
Peptide Sequence	Synthetic peptide located within the following region: VGVVKDEGSYFLVYGAPGFSKDNESLISRAEFLAGVRVGVPOVSDLAEEA
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	<ul style="list-style-type: none"> * Discovery and initial validation of $\hat{I}\pm$ 1-B glycoprotein fragmentation as a differential urinary biomarker in pediatric steroid-resistant nephrotic syndrome. Piyaphanee N, <i>et al.</i> Proteomics Clin Appl, 2011 Jun. * Human CRISP-3 binds serum alpha(1)B-glycoprotein across species. Udby L, <i>et al.</i> Biochim Biophys Acta, 2010 Apr. * Proteomic analysis identifies MMP-9, DJ-1 and A1BG as overexpressed proteins in pancreatic juice from pancreatic ductal adenocarcinoma patients. Tian M, <i>et al.</i> BMC Cancer, 2008 Aug 16. * Human plasma N-glycoproteome analysis by immunoaffinity subtraction, hydrazide chemistry, and mass spectrometry. Liu T, <i>et al.</i> J Proteome Res, 2005 Nov-Dec. * The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, <i>et al.</i> Genome Res, 2004 Oct.
Description of Target	Acetylcholinesterase hydrolyzes the neurotransmitter, acetylcholine at neuromuscular junctions and brain cholinergic synapses, and thus terminates signal transmission. It is also found on the red blood cell membranes, where it constitutes the Yt blood group
Protein Interactions	COL1A1; PRIMA1; COLQ; HAND1; EIF2D; LAMA1; LAMB1; COL4A1; APP; ACHE;
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-ACHE (ARP56762_P050-HRP) antibody
Blocking Peptide	For anti-ACHE (ARP56762_P050-HRP) antibody is Catalog # AAP56762 (Previous Catalog # AAPP39619)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ACHE
Uniprot ID	P22303
Protein Name	Acetylcholinesterase
Protein Accession #	NP_000656
Purification	Affinity Purified
Nucleotide Accession #	NM_000665
Gene Symbol	ACHE
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 86%; Rat: 100%; Zebrafish: 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.

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