



# 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

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|                              |  |
|------------------------------|--|
| Product Number               | ARP56762_P050-Biotin   |
| Product Page                 | <a href="http://www.avivasysbio.com/ache-antibody-middle-region-biotin-arp56762-p050-biotin.html">www.avivasysbio.com/ache-antibody-middle-region-biotin-arp56762-p050-biotin.html</a>   |
| Name                         | ACHE Antibody - middle region : Biotin (ARP56762_P050-Biotin)  |
| Protein Size (# AA)          | 614 amino acids  |
| Molecular Weight             | 68kDa  |
| Conjugation                  | Biotin   |
| 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:<br><a href="#">VGVVKDEGSYFLVYGAPGFSKDNESLISRAEFLAGVRVGVPOVSDLAEEA</a>   |
| Product Format               | Liquid. Purified antibody supplied in 1x PBS buffer.   |
| Reference                    | <ul style="list-style-type: none"> <li>* <a href="#">Discovery and initial validation of <math>\hat{I}\pm</math> 1-B glycoprotein fragmentation as a differential urinary biomarker in pediatric steroid-resistant nephrotic syndrome.</a> Piyaphanee N, <i>et al.</i> <i>Proteomics Clin Appl</i>, 2011 Jun.</li> <li>* <a href="#">Human CRISP-3 binds serum alpha(1)B-glycoprotein across species.</a> Udby L, <i>et al.</i> <i>Biochim Biophys Acta</i>, 2010 Apr.</li> <li>* <a href="#">Proteomic analysis identifies MMP-9, DJ-1 and A1BG as overexpressed proteins in pancreatic juice from pancreatic ductal adenocarcinoma patients.</a> Tian M, <i>et al.</i> <i>BMC Cancer</i>, 2008 Aug 16.</li> <li>* <a href="#">Human plasma N-glycoproteome analysis by immunoaffinity subtraction, hydrazide chemistry, and mass spectrometry.</a> Liu T, <i>et al.</i> <i>J Proteome Res</i>, 2005 Nov-Dec.</li> <li>* <a href="#">The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC).</a> Gerhard DS, <i>et al.</i> <i>Genome Res</i>, 2004 Oct.</li> </ul> |
| 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 <a href="#">anti-ACHE (ARP56762_P050-Biotin) antibody</a>  |
| Blocking Peptide             | For anti-ACHE (ARP56762_P050-Biotin) antibody is <a href="#">Catalog # AAP56762</a> (Previous Catalog # AAPP39619)   |
| Immunogen                    | The immunogen is a synthetic peptide directed towards the middle region of human ACHE  |
| Uniprot ID                   | <a href="#">P22303</a>   |
| Protein Name                 | Acetylcholinesterase   |
| Protein Accession #          | <a href="#">NP_000656</a>  |
| Purification                 | Affinity Purified  |
| Nucleotide Accession #       | <a href="#">NM_000665</a>  |
| Gene Symbol                  | <a href="#">ACHE</a>   |
| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish  |

|   |  |
|---|--|
| <b>Application</b>                                    | WB   |
| <b>Predicted Homology Based on Immunogen Sequence</b> | Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 86%; Rat: 100%; Zebrafish: 100%  |
| <b>Image 1</b>  |  A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two antigen-binding sites are formed by the variable regions of the light chains. |

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