



# 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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<b>Product Number</b>	ARP58883_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/casp8-antibody-middle-region-hrp-arp58883-p050-hrp.html">www.avivasysbio.com/casp8-antibody-middle-region-hrp-arp58883-p050-hrp.html</a>
<b>Name</b>	CASP8 Antibody - middle region : HRP (ARP58883_P050-HRP)
<b>Protein Size (# AA)</b>	538 amino acids
<b>Molecular Weight</b>	59 kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	841
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	caspase 8
<b>Alias Symbols</b>	CAP4, MACH, MCH5, FLICE, ALPS2B, Casp-8
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">SPDEFNNGEELCGVMTISDSPREQDSESQTLDKVYQMKSKPRGYCLIINN</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Description of Target</b>	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal controls, which implicated the role in neurodegenerative diseases. Many alternatively spliced transcript variants encoding different isoforms have been described, although not all variants have had their full-length sequences determined.
<b>Protein Interactions</b>	BAX; ced-4; FADD; UBC; ERLIN2; PRDX6; TNF; CRYAB; XIAP; TNFSF10; RIPK1; HECTD3; SQSTM1; GZMB; PLA2G4B; RB1; PLIN4; BCAP31; PDIA6; CFLAR; SNRPD3; PRKCI; BIRC2; RIPK3; TNFRSF10A; TNFRSF10B; CUL3; TRAF2; CASP10; PARK7; LRRK2; CARD11; FIS1; CASP3; FASLG; TOPO
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-CASP8 (ARP58883_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-CASP8 (ARP58883_P050-HRP) antibody is <a href="#">Catalog# AAP58883</a>
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the middle region of human CASP8
<b>Uniprot ID</b>	<a href="#">Q14790-9</a>
<b>Protein Name</b>	caspase-8
<b>Protein Accession #</b>	<a href="#">NP_001073594.1</a>
<b>Purification</b>	Affinity purified
<b>Nucleotide Accession #</b>	<a href="#">NM_001080124.1</a>
<b>Gene Symbol</b>	<a href="#">CASP8</a>
<b>Predicted Species Reactivity</b>	Human

<b>Application</b>	WB
<b>Predicted Homology Based on Immunogen Sequence</b>	Human: 100%; Mouse: 92%
<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 heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms.

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Optimal conditions of its use should be determined by end users.

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