



# 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](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

Product Number	ARP58999_P050-HRP
Product Page	<a href="http://www.avivasysbio.com/casp10-antibody-c-terminal-region-hrp-arp58999-p050-hrp.html">www.avivasysbio.com/casp10-antibody-c-terminal-region-hrp-arp58999-p050-hrp.html</a>
Name	CASP10 Antibody - c-terminal region : HRP (ARP58999_P050-HRP)
Protein Size (# AA)	522 amino acids
Molecular Weight	57kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	843
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	caspase 10, apoptosis-related cysteine peptidase
Alias Symbols	MCH4, ALPS2, FLICE2, FLICE-2
Peptide Sequence	Synthetic peptide located within the following region: <a href="#">QSLCNHLKKLVPRHEDILSILTAVNDDVSRRVVDKQGTKKQMPQPAFTLRK</a>
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Description of Target	This gene encodes a protein which is 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 which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein cleaves and activates caspases 3 and 7, and the protein itself is processed by caspase 8. Mutations in this gene are associated with type IIA autoimmune lymphoproliferative syndrome, non-Hodgkin lymphoma and gastric cancer.
Protein Interactions	FADD; PRDX6; XIAP; RB1; Dlg4; PHF20L1; OIP5; ECE2; RIOK3; NFKBIL1; CASP8; RNF34; BFAR; CASP8AP2; MSN2; PTC2; AIM9; GLN3; SLT2; GPA1; STE20; ATG13; RPL21B; VPS30; CUP9; TPK2; GAL4; FAR11; WHI3; ATG4; FAR3; FAR8; ITT1; MPH1; SSM4; ASG1; BFR1; ORT1; MBR1; CW
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-CASP10 (ARP58999_P050-HRP) antibody</a>
Blocking Peptide	For anti-CASP10 (ARP58999_P050-HRP) antibody is <a href="#">Catalog # AAP58999</a>
Immunogen	The immunogen is a synthetic peptide directed towards the c-terminal region of Human CASP10
Uniprot ID	<a href="#">Q92851-4</a>
Protein Name	Caspase-10
Sample Type Confirmation	There is BioGPS gene expression data showing that CASP10 is expressed in HCT15
Protein Accession #	<a href="#">NP_116759</a>
Purification	Affinity Purified
Nucleotide Accession #	<a href="#">NM_032977</a>
Gene Symbol	<a href="#">CASP10</a>
Predicted Species Reactivity	Human
Application	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Human: 100%
<b>Image 1</b>	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base.

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](mailto:info@avivasysbio.com)