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

CASP4 Antibody - middle region : Biotin (ARP58990_P050-Biotin)

Data Sheet

Product Number	ARP58990_P050-Biotin
Product Page	www.avivasysbio.com/casp4-antibody-middle-region-biotin-arp58990-p050-biotin.html
Name	CASP4 Antibody - middle region : Biotin (ARP58990_P050-Biotin)
Protein Size (# AA)	377 amino acids
Molecular Weight	10kDa
Conjugation	Biotin
NCBI Gene Id	837
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Caspase 4, apoptosis-related cysteine peptidase
Alias Symbols	TX, Mih1, ICH-2, Mih1/TX, ICEREL-II, ICE(rel)II
Peptide Sequence	Synthetic peptide located within the following region: GILEGICGTVHDEKKPDVLLYDTIFQIFNNRNCLSLKDKPKVIIVQACRG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	This gene encodes a protein that 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 composed of a prodomain and a large and 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 caspase is able to cleave and activate its own precursor protein, as well as caspase 1 precursor. When overexpressed, this gene induces cell apoptosis. Alternative splicing results in transcript variants encoding distinct isoforms.
Protein Interactions	MYH9; ELF4; APP; TRAF6; PLA2G4A; NOD1; CASP14; CASP4; APAF1; SERPINB9; CASP10; IL18; CASP3; IL1B; DSP; PSEN1; IL37; CASP8; CASP1; XIAP; MYCBPAP; SLC25A22; SRPRB; CTNNBIP1; DNAAF5; MTHFD1L; UFL1; GCN1L1; SMC2; NUP93; SMC3; SMC1A; USP9X; VDAC3; PSMB1; MSH6;
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-CASP4 (ARP58990_P050-Biotin) antibody
Blocking Peptide	For anti-CASP4 (ARP58990_P050-Biotin) antibody is Catalog # AAP58990 (Previous Catalog # AAPP44957)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CASP4
Uniprot ID	P49662
Protein Name	Caspase-4
Protein Accession #	NP_001216
Purification	Affinity Purified
Nucleotide Accession #	NM_001225
Gene Symbol	CASP4
Predicted Species Reactivity	Human, Rat
Application	WB

Predicted Homology Based on Immunogen Sequence	Human: 100%; Rat: 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