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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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	ARP58992_P050-FITC
Product Page	www.avivasysbio.com/casp5-antibody-middle-region-fitc-arp58992-p050-fitc.html
Name	CASP5 Antibody - middle region : FITC (ARP58992_P050-FITC)
Protein Size (# AA)	376 amino acids
Molecular Weight	43kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	838
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Caspase 5, apoptosis-related cysteine peptidase
Alias Symbols	ICH-3, ICEREL-III, ICE(rel)III
Peptide Sequence	Synthetic peptide located within the following region: VIIVQACRGEKHGELWVRDSPASLALISSQSENLEADSVCKIHEEKDFI
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	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 which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. Overexpression of the active form of this enzyme induces apoptosis in fibroblasts. Max, a central component of the Myc/Max/Mad transcription regulation network important for cell growth, differentiation, and apoptosis, is cleaved by this protein; this process requires Fas-mediated dephosphorylation of Max. The expression of this gene is regulated by interferon-gamma and lipopolysaccharide. Alternatively spliced transcript variants have been identified for this gene.
Protein Interactions	PPHLN1; NLRP1; CASP5; MAX;
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-CASP5 (ARP58992_P050-FITC) antibody
Blocking Peptide	For anti-CASP5 (ARP58992_P050-FITC) antibody is Catalog # AAP58992 (Previous Catalog # AAPP44959)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CASP5
Uniprot ID	P51878
Protein Name	Caspase-5
Protein Accession #	NP_001129581
Purification	Affinity Purified
Nucleotide Accession #	NM_001136109
Gene Symbol	CASP5
Predicted Species Reactivity	Human, Cow, Guinea Pig
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 83%; Guinea Pig: 82%; Human: 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.

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