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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

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Product Number	ARP58995_P050-FITC
Product Page	www.avivasysbio.com/casp7-antibody-n-terminal-region-fitc-arp58995-p050-fitc.html
Name	CASP7 Antibody - N-terminal region : FITC (ARP58995_P050-FITC)
Protein Size (# AA)	336 amino acids
Molecular Weight	37kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	840
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Caspase 7, apoptosis-related cysteine peptidase
Alias Symbols	MCH3, CMH-1, LICE2, CASP-7, ICE-LAP3
Peptide Sequence	Synthetic peptide located within the following region: NNKNFDKVTGMGVRNGTDKDAEALFKCFRSLGFEDVIVYNDSCCAKMQDLL
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
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. The precursor of this caspase is cleaved by caspase 3 and 10. It is activated upon cell death stimuli and induces apoptosis. Alternative splicing results in four transcript variants, encoding three distinct isoforms.
Protein Interactions	PTGES3; BAX; PARP1; SAT1; CRYAB; XIAP; RPS6KA1; CTSA; PEPD; MVD; GNS; GBP2; EEF2; CAPN1; CNDP2; GINS2; EIF4H; GZMB; ROCK1; DFFA; CASP9; CASP7; CASP3; ARHGDI1; VIM; STAT1; SPTAN1; CLSPN; PLA2G4B; RB1; UBC; BIRC2; CCT2; VCP; SP1; BIRC3; BIRC6; COPS6; TERF1;
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-CASP7 (ARP58995_P050-FITC) antibody
Blocking Peptide	For anti-CASP7 (ARP58995_P050-FITC) antibody is Catalog# AAP58995 (Previous Catalog# AAPP45742)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CASP7
Uniprot ID	P55210
Protein Name	Caspase-7
Sample Type Confirmation	CASP7 is supported by BioGPS gene expression data to be expressed in OVCAR3
Protein Accession #	NP_203124
Purification	Affinity Purified
Nucleotide Accession #	NM_033338
Gene Symbol	CASP7
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Pig, Rabbit, Zebrafish

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Goat: 93%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 86%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Image 1	 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 N-termini of the light chains are extended outwards, forming the two antigen-binding arms of the antibody.

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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