

Rabbit CASP3 Polyclonal Antibody | anti-CASP3 antibody

CASP3 antibody

CATALOG # AAA107123	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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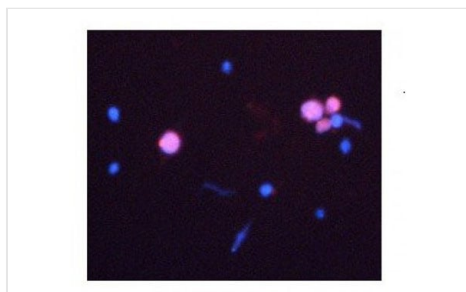
PRODUCT SYNONYMS

CASP3; Polyclonal Antibody; CASP3 antibody; Polyclonal CASP3; Anti-CASP3; CASP-3; CASP 3; apoptosis-related cysteine peptidase; caspase 3; anti-CASP3 antibody

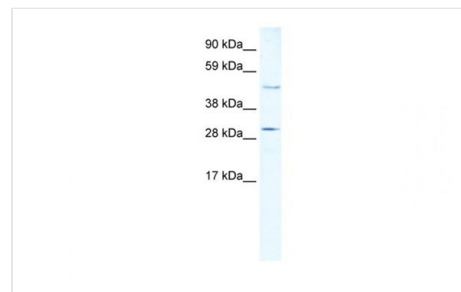
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Form/Format	Lyophilized powder. Add 100 ul of distilled water. Final antibody concentration is 1 mg/ml in PBS buffer.
Concentration	1 mg/ml (varies by lot)
Sequence Length	277
Applicable Applications for anti-CASP3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	CASP3 is 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 6, 7 and 9, and the protein itself is processed by caspases 8, 9 and 10. It is the predominant caspase involved in the cleavage of amyloid-beta 4A precursor protein, which is associated with neuronal death in Alzheimer's disease. Alternative splicing of this gene results in two transcript variants that encode the same protein.
Cross-Reactivity	Human, Rat, Pig, Dog, Rabbit, Bovine
Immunogen	CASP3 antibody was raised in rabbit using the N terminal of CASP3 as the immunogen
Preparation and Storage	Store at 4 degree C, following reconstitution, aliquot and store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Rat and Mouse



WB (Western Blot)
Recommended CASP3 Antibody Titration: 5ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CASP3 antibody	Rabbit polyclonal CASP3 antibody
Product Categories/Family for anti-CASP3 antibody	Cell Cycle & Cell Death

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790115
NCBI GeneID	836
NCBI Accession #	NP_116786
NCBI GenBank Nucleotide #	NM_032991.2
UniProt Accession #	P42574 ; Q96AN1 ; Q96KP2 ; A8K5M2 ; D3DP53
Molecular Weight	31,608 Da
NCBI Official Full Name	caspase-3 preproprotein
NCBI Official Synonym Full Names	caspase 3, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP3
NCBI Official Synonym Symbols	CPP32; SCA-1; CPP32B
NCBI Protein Information	caspase-3
UniProt Protein Name	Caspase-3
UniProt Gene Name	CASP3
UniProt Synonym Gene Names	CPP32; CASP-3; CPP-32; SCA-1
UniProt Entry Name	CASP3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/casp3-antibody-western-blot-immunohistochemistry-elisa/107123>