

Rabbit CASP3 Polyclonal Antibody | anti-CASP3 antibody

CASP3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA167210	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

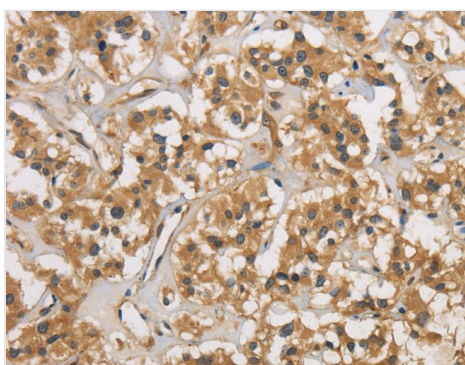
PRODUCT SYNONYMS

CASP3; Polyclonal Antibody; CASP3 Polyclonal Antibody; CPP32; SCA-1; CPP32B; anti-CASP3 antibody

PRODUCT SPECIFICATIONS

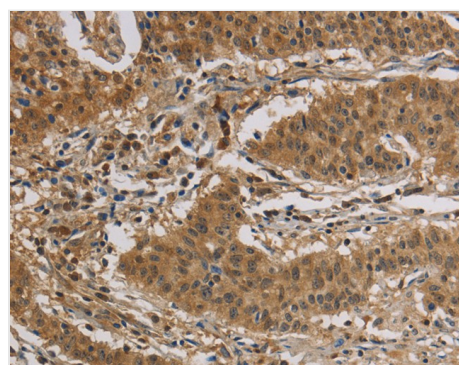
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.2mg/mL (varies by lot)
Sequence Length	277
Applicable Applications for anti-CASP3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CASP3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



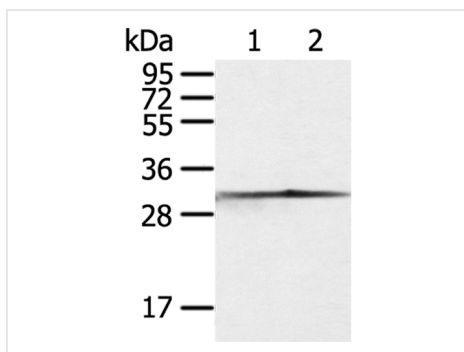
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using CASP3 Polyclonal Antibody at dilution of 1:30



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using CASP3 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of Jurkat and 293T cell using CASP3 Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-CASP3 antibody	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 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.
Product Categories/Family for anti-CASP3 antibody	Cancer; Cell biology; Epigenetics

NCBI AND UNIPROT INFORMATION

NCBI GI #	77416852
NCBI GeneID	836
Molecular Weight	31,608 Da
NCBI Official Full Name	Caspase-3
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; CASP-3; CPP-32; PARP cleavage protease; SREBP cleavage activity 1; apopain; caspase 3, apoptosis-related cysteine protease; cysteine protease CPP32; procaspase3; protein Yama
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://www.aaabiotech.com/polyclonal/casp3-antibody-immunohistochemistry-western-blot-elisa/167210>