

Rabbit anti-Human Caspase-3 Polyclonal Antibody | anti-CASP3 antibody

Caspase-3 Antibody

CATALOG # AAA40230	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
------------------------------	-----------------------	----------------------------	--

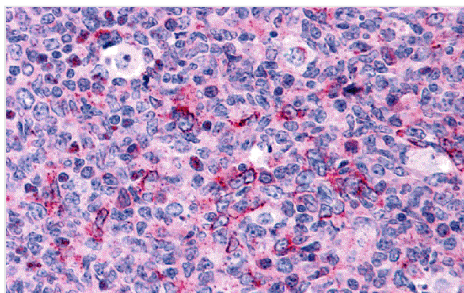
PRODUCT SYNONYMS

Caspase-3; Polyclonal Antibody; Caspase-3 Antibody; CPP32; SCA-1; CPP32B; Apopain; CASP-3; caspase 3; apoptosis-related cysteine peptidase; anti-CASP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of Caspase-3 are known to exist.
Purity/Purification	Caspase-3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	277
Applicable Applications for anti-CASP3 antibody	IHC (Immunohistochemistry), ELISA
Conjugate	Unconjugated
Immunogen	Caspase-3 antibody was raised against a 17 amino acid synthetic peptide near the center of human Caspase-3.
Buffer	Caspase-3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Caspase-3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Caspase-3 in human tonsil tissue with Caspase-3 antibody at 5 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP3 antibody	Caspase-3 Antibody: Caspases are a family of cysteine proteases that can be divided into the apoptotic and inflammatory caspase subfamilies. Unlike the apoptotic caspases, members of the inflammatory subfamily are generally not involved in cell death but are associated with the immune response to microbial pathogens. The apoptotic subfamily can be further divided into initiator caspases, which are activated in response to death signals, and executioner caspases, which are activated by the initiator caspases and are responsible for cleavage of cellular substrates that ultimately lead to cell death. Caspase-3 is synthesized as an inactive proenzyme that undergoes proteolytic cleavage by caspases 8, 9 and 10 to produce 2 subunits, termed p20 and p11. These subunits dimerize to form the active enzyme. Caspase-3 proteolytically cleaves and activates other proteins such as caspases 6, 7 and 9.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790119
NCBI GeneID	836
NCBI Accession #	NP_004337
NCBI GenBank Nucleotide #	NM_004346.3
UniProt Accession #	P42574; Q96AN1; Q96KP2; A8K5M2; D3DP53
Molecular Weight	30 kDa
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; CASP-3; CPP-32; apopain; procaspase3; protein Yama; PARP cleavage protease; cysteine protease CPP32; SREBP cleavage activity 1; caspase 3, apoptosis-related cysteine protease
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/caspase-3-antibody-immunohistochemistry-elisa/40230>