

active + pro Caspase 3 Recombinant Antibody | CASP3 recombinant antibody

active + pro Caspase 3 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA315208	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

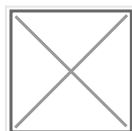
PRODUCT SYNONYMS

active + pro Caspase 3; Monoclonal Recombinant Antibody; active + pro Caspase 3 Rabbit mAb; Apopain precursor; CASP-3; CPP-32; CPP32; Caspase-3; Cysteine protease CPP32; ICE3; SCA-1; SREBP cleavage activity 1; CASP3 recombinant antibody

PRODUCT SPECIFICATIONS

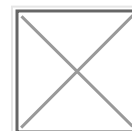
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Specificity	active + pro Caspase 3 Antibody detects endogenous levels of total active + pro Caspase 3
Purity/Purification	Affinity-chromatography
Form/Format	Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for CASP3 recombinant antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human active + pro Caspase 3
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.

IMAGES



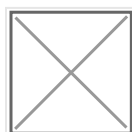
WB (Western Blot)

Western blot analysis of Calreticulin expression in (1) Jurkat cell lysate; (2) Jurkat cells treated with 1uM staurosporine lysate.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human stomach, using active + pro Caspase 3 Antibody .



WB (Western Blot)

Western blot analysis of Calreticulin expression in (1) Jurkat cell lysate; (2) COLO cells lysate.

ADDITIONAL INFORMATION

Related Product Information for CASP3 recombinant 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 2 subunits, large and small, that dimerize to form the active enzyme.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790119
NCBI GeneID	836
NCBI Accession #	NP_004337.2
NCBI GenBank Nucleotide #	NM_004346.3
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; 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/active-pro-caspase-3-recombinant-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/315208>