

Rabbit anti-Human, Mouse CASP3 Polyclonal Antibody | anti-CASP3 antibody

CASP3 Polyclonal Antibody

CATALOG # AAA28248	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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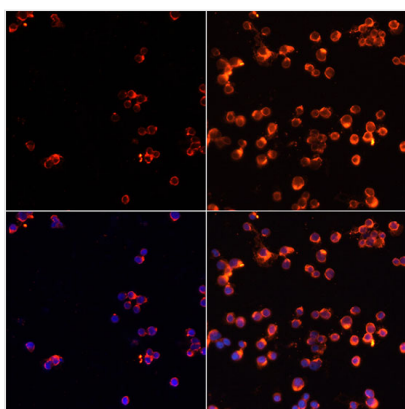
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

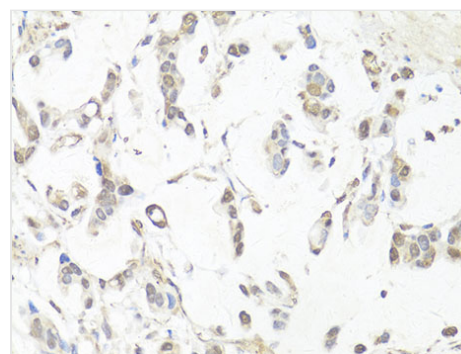
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	277
Applicable Applications for anti-CASP3 antibody	WB (Western Blot)
Application Notes	WB: 1:500 - 1:2000
Immunogen	Recombinant protein of human CASP3
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



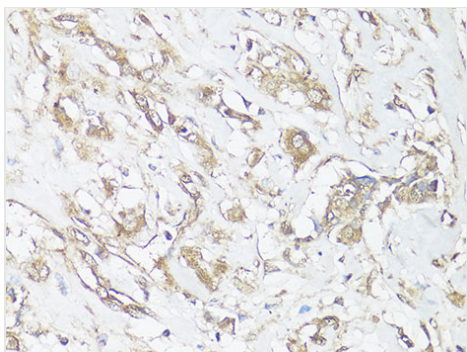
IF (Immunofluorescence)

Immunofluorescence analysis of Jurkat cells using CASP3 antibody at dilution of 1:100. Jurkat cells treated by Etoposide 25uM etoposide for 5 hours (left). Blue: DAPI for nuclear staining.



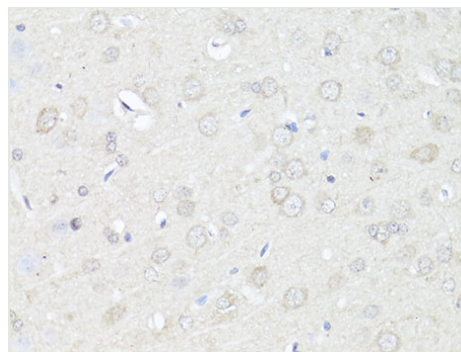
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using CASP3 antibody at dilution of 1:100 (40x lens).



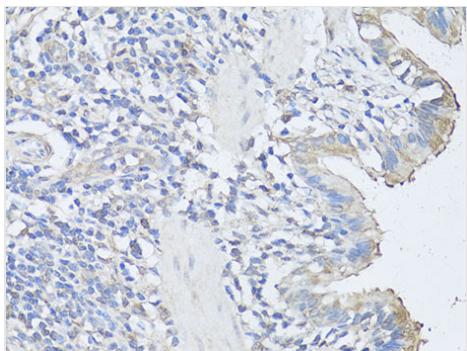
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using CASP3 antibody at dilution of 1:100 (40x lens).



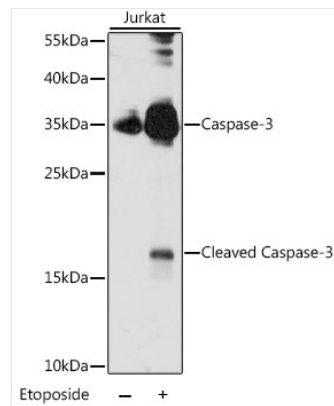
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat brain using CASP3 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using CASP3 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of Jurkat cells, using CASP3 antibody at 1:1000 dilution. Jurkat cells treated by Etoposide 25uM etoposide for 5 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 15s.

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	Primary antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	77416852
NCBI GeneID	836
UniProt Accession #	P42574; Q96AN1; Q96KP2; A8K5M2; D3DP53
Molecular Weight	32kDa
NCBI Official Full Name	Caspase-3
NCBI Official Synonym Full Names	caspase 3
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

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-elisa/28248>