

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

CASP3 Antibody

CATALOG # AAA306361	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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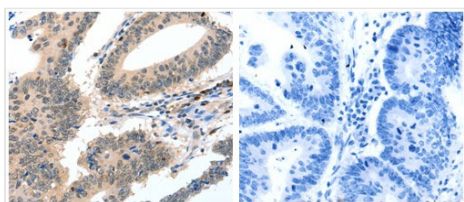
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

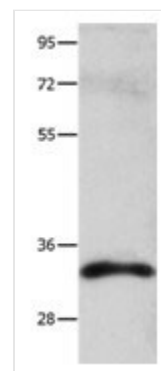
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total CASP3 protein.
Form/Format	Supplied at 0.7mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	2640
Applicable Applications for anti-CASP3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-269 amino acids of human caspase 3, apoptosis-related cysteine peptidase
Target Name	CASP3
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 31010 (CASP3 Antibody) at dilution 1/20, on the right is treated with the fusion protein.



Application Data

Gel: 12%SDS-PAGE Lysate: 40 ug K562 cell lysate Primary antibody: 1/200 dilution
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 10 seconds

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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	34190795
NCBI GeneID	836
Molecular Weight	31,608 Da
NCBI Official Full Name	Homo sapiens caspase 3, apoptosis-related cysteine peptidase, mRNA
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-immunohistochemistry-western-blot-elisa/306361>