

Mouse Active Caspase-3 Antibody | anti-CASP3 antibody

Active Caspase-3 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA22114	Mouse	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

Active Caspase-3; Active Caspase-3 Monoclonal Antibody; CASP3; Caspase 3; apoptosis-related cysteine peptidase; apoptosis-related cysteine protease; CPP-32; CPP32; CPP32B; Cysteine protease CPP32; anti-CASP3 antibody

PRODUCT SPECIFICATIONS

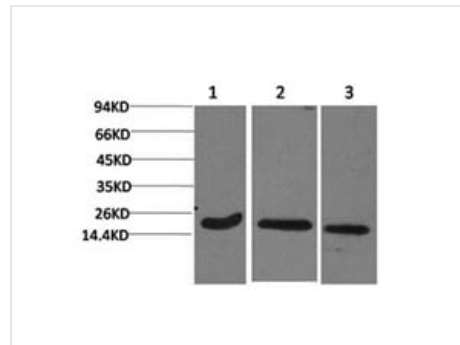
Host	Mouse
Reactivity	Human, Mouse, Rat
Isotype	IgG
Clone Number	5A2
Purity/Purification	Protein A purification
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Applicable Applications for anti-CASP3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB 1:500-1:1000, IHC 1:100-1:200, IF 1:100-1:200
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Immunogen	Recombinant Protein
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver tissue using Active Caspase-3 Monoclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of 1) Hela, 2) 3T3, 3) Rat brain with Active Caspase-3 Monoclonal Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP3 antibody	Involved in the activation cascade of caspases responsible for apoptosis execution. At the onset of apoptosis it proteolytically cleaves poly(ADPribose) polymerase (PARP) at a '216-Asp-Gly-217' bond. Cleaves and activates sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Cleaves and activates caspase-6, -7 and -9. Involved in the cleavage of huntingtin.
Product Categories/Family for anti-CASP3 antibody	Cancer

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
NCBI Official Full Name	caspase-3 isoform a preproprotein
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/mouse-human-mouse-rat-antibody/active-caspase-3/22114>