

Mouse Active Caspase 3 Monoclonal Antibody | anti-Active antibody

Active Caspase 3 Mouse mAb

CATALOG # AAA276849	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Active Caspase 3; Monoclonal Antibody; Active Caspase 3 Mouse mAb; APOPAIN antibody; CASP 3 antibody; CPP32 antibody; Cysteine protease CPP32 antibody; anti-Active antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Active antibody	IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Tonsil Tissue using Active Caspase 3 (EM1188) Mouse mAb diluted at 1:200.



WB (Western Blot)

Western blot analysis of 1) Hela, 2) 3T3, 3) Rat Brain Tissue with Active Caspase 3 Mouse mAb EM1188 diluted at 1:1,000.

ADDITIONAL INFORMATION

Related Product Information for anti-Active antibody	Activation of caspase-3 requires proteolytic processing of its inactive zymogen into activated p17 and p12 fragments. Cleavage of caspase-3 requires aspartic acid at the P1 position.
Product Categories/Family for anti-Active antibody	Cytoplasm

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-caspase-3-antibody-immunohistochemistry-western-blot-elisa/276849>