

Mouse Active Caspase 3 Monoclonal Antibody | anti-CASP3 antibody

Active Caspase 3 mouse monoclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328611	Mouse	Human; Mouse; Rat	Immunohistochemistry, Western Blot

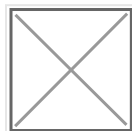
PRODUCT SYNONYMS

Active Caspase 3; Monoclonal Antibody; Active Caspase 3 mouse monoclonal antibody; Cleaved-Caspase 3(Asp175; p17) Antibody; A830040C14Rik; Apopain; CASP-3; CASP3; CASP3_HUMAN; Casp3a; Caspase 3; apoptosis-related cysteine peptidase; apoptosis-related cysteine protease; apoptosis-related cysteine protease a; Caspase-3 subunit p12; CC3; CPP-32; CPP32; CPP32B; Cysteine protease CPP32; EC 3.4.22.56; LICE; mldy; OTTHUMP00000165052; OTTHUMP00000165053; OTTHUMP00000165054; PARP cleavage protease; Procaspase3; protein Yama; SCA 1; SCA-1; SREBP cleavage activity 1; Yama;; anti-CASP3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human; Mouse; Rat
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	~1mg/ml (varies by lot)
Sequence Length	277
Applicable Applications for anti-CASP3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Caspase 3 expressed in E. Coli.
Preparation and Storage	Store at -20 °C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from various samples, using Activated Caspase 3 mouse monoclonal antibody.lane1:Helalane2:PC12lane3:mouse spleenlane4:mouse brainlane5:rat brain

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(ADP-ribose) polymerase (PARP) at a '216-Asp-I-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. Triggers cell adhesion in sympathetic neurons through RET cleavage.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790119
NCBI GeneID	836
NCBI Accession #	NP_004337.2
NCBI GenBank Nucleotide #	NP_004337.2
UniProt Accession #	P42574
Molecular Weight	17kDa
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/active-caspase-3-antibody-immunohistochemistry-western-blot-elisa/328611>