

Rabbit CASP3 Polyclonal Antibody | anti-CASP3 antibody

CASP3 Polyclonal Antibody

CATALOG # AAA174570	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	--	---

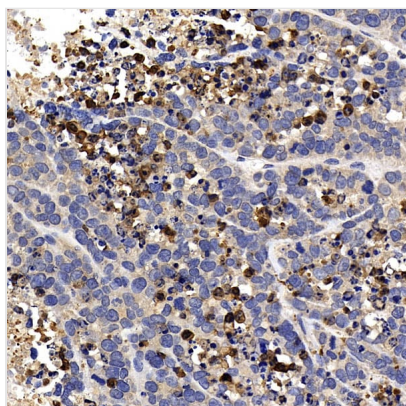
PRODUCT SYNONYMS

CASP3; Polyclonal Antibody; CASP3 Polyclonal Antibody; A830040C14Rik; Apopain; CASP-3; 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

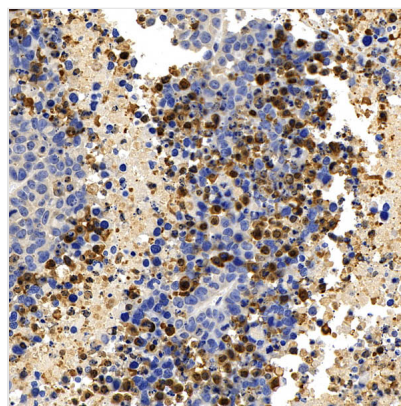
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	500 mug/mL (varies by lot)
Sequence Length	277
Applicable Applications for anti-CASP3 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse caspase3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

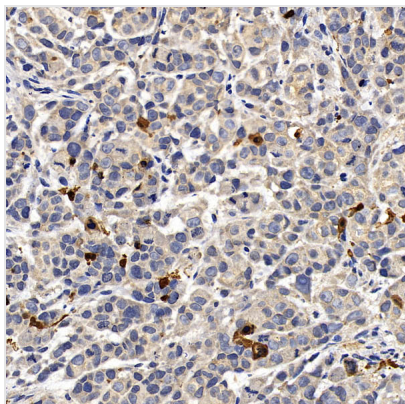
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded A549 in Mouse Subcutaneous tumor using CASP3 Polyclonal Antibody at dilution of 1:400.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded A549 in Mouse lung using CASP3 Polyclonal Antibody at dilution of 1:400.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded A549 in Human breast using CASP3 Polyclonal Antibody at dilution of 1:400.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP3 antibody	Caspases, a family of endoproteases, are critical players in cell regulatory networks controlling inflammation and cell death. Initiator caspases (caspase-2, -8, -9, -10, -11, and -12) cleave and activate downstream effector caspases (caspase-3, -6, and -7), which in turn execute apoptosis by cleaving targeted cellular proteins. Caspase 3 (also named CPP32, SCA-1, and Apopain) proteolytically cleaves poly(ADP-ribose) polymerase (PARP) at the beginning of apoptosis. Caspase 3 plays a key role in the activation of sterol regulatory element binding proteins (SREBPs) between the basic helix-loop-helix leucine zipper domain and the membrane attachment domain. Caspase 3 can also form heterocomplex with other proteins and performs MW of 50-70 kDa. This antibody can recognize p17, p19 and p32 of Caspase 3.
Product Categories/Family for anti-CASP3 antibody	Cancer; Cell Biology; Metabolism; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	549806822
NCBI GeneID	12367
NCBI Accession #	NP_001271338.1
NCBI GenBank Nucleotide #	NM_001284409.1
UniProt Accession #	P70677; O08668; Q8CHV5; Q9QWI4
Molecular Weight	31,475 Da
NCBI Official Full Name	caspase-3
NCBI Official Synonym Full Names	caspase 3
NCBI Official Symbol	Casp3
NCBI Official Synonym Symbols	CC3; AC-3; Lice; Yama; mldy; CPP32; SCA-1; CASP-3; CPP-32; Caspase-3; A830040C14Rik
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.

