

Rabbit Caspase-3 Polyclonal Antibody | anti-CASP3 antibody

Rabbit anti Caspase-3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50310	Rabbit	Human, Rat, Mouse (Expected from Sequence)	Western Blot, Immunohistochemistry

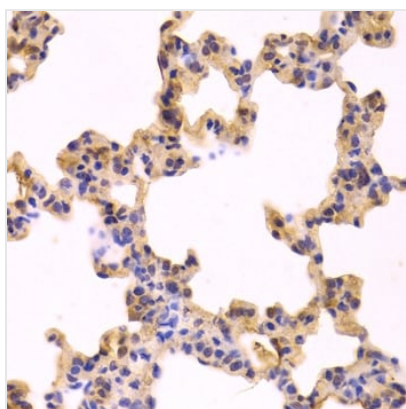
PRODUCT SYNONYMS

Caspase-3; Polyclonal Antibody; Rabbit anti Caspase-3; Caspase-3 Antibody; anti-CASP3 antibody

PRODUCT SPECIFICATIONS

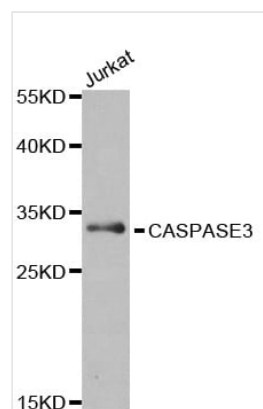
Host	Rabbit
Reactivity	Human, Rat, Mouse (Expected from Sequence)
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified whole serum by affinity chromatography.
Form/Format	Liquid in phosphate buffered saline with 0.02% sodium azide, 50% glycerol.
Sequence Length	277
Applicable Applications for anti-CASP3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Recombinant human caspase-3
Preparation	Antiserum to caspase-3 was raised by repeated immunisation of rabbits with highly purified antigen.
Preparation and Storage	Store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of despatch

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using Rabbit anti caspase-3 antibody at a dilution of 1/100



Application Data

Rabbit anti caspase-3 antibody detects a band of approximately 32 kDa in Jurkat cell lysate under reducing conditions

ADDITIONAL INFORMATION

Related Product Information for anti-CASP3 antibody	Rabbit anti caspase-3 antibody recognizes caspase-3 also known as cysteine protease CPP32. Caspase-3, as the name implies, is a member of the cysteine-aspartic acid protease (caspase) protein family.Caspase-3 is an effector caspase that is activated by both the intrinsic and extrinsic apoptosis pathways. Caspase-3 is cleaved from an inactive 32 kDa zymogen/pro-enzyme into p17 and p12 subunits by the activated initiator caspases 9 and 8 in apoptotic cells. These subunits dimerize to form the active caspase 3 protein that cleaves and activates caspase-6 and 2. Through the activation/cleavage of downstream caspases, caspase-3 plays an important role in mediating apoptosis signaling.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	77416852
NCBI GeneID	836
UniProt Accession #	P42574; Q96AN1; Q96KP2; A8K5M2; D3DP53
Molecular Weight	31,608 Da
NCBI Official Full Name	Caspase-3
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.