

Goat Caspase 3 Antibody | anti-CASP3 antibody

Goat anti-Caspase 3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61616	Goat	Tested: Human, Mouse, Rat Expected from sequence similarity: Human, Mouse, Rat, Dog	Immunofluorescence, Western Blot, ELISA

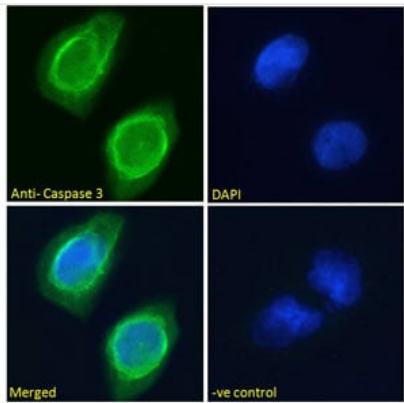
PRODUCT SYNONYMS

Caspase 3; Goat anti-Caspase 3 Antibody; CASP3; caspase 3; apoptosis-related cysteine protease; HGNC: 1504; apoptosis-related cysteine peptidase; CPP32; CPP32B; SCA-1; PARP cleavage protease; SREBP cleavage activity 1; Yama; apopain; cysteine protease CPP32; procaspase3; CASP3 antibody; caspase 3 antibody; apoptosis-related cysteine protease antibody; HGNC: 1504 antibody; apoptosis-related cysteine peptidase antibody; CPP32 antibody; CPP32B antibody; SCA-1 antibody; PARP cleavage protease antibody; SREBP cleavage activity 1 antibody; Yama antibody; apopain antibody; cysteine protease CPP32 antibody; procaspase3 antibody; anti-CASP3 antibody

PRODUCT SPECIFICATIONS

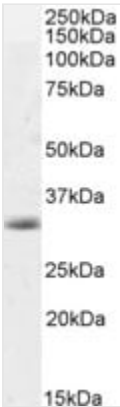
Host	Goat
Reactivity	Tested: Human, Mouse, Rat Expected from sequence similarity: Human, Mouse, Rat, Dog
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-CASP3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-RDVSKEHHSKRS, from the internal region of the protein sequence according to NP_004337.2; NP_116786.1.
Note	This antibody is expected to recognize both reported isoforms (NP_004337.2 and NP_116786.1).
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-1225
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



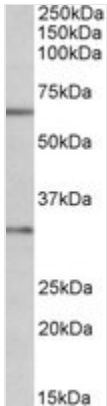
IF (Immunofluorescence)

AAA61616 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



WB (Western Blot)

AAA61616 (0.5ug/ml) staining of Mouse Liver lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



WB (Western Blot)

AAA61616 (1ug/ml) staining of MOLT4 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14790119
NCBI GeneID	836
NCBI Accession #	NP_004337.2; NP_116786.1
NCBI GenBank Nucleotide #	NM_004346.3
NCBI Official Full Name	caspase-3 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/goat-casp3-dog-human-mouse-rat-antibody/caspase-3/61616>