

Rabbit anti-Human, Mouse Caspase-3 Polyclonal Antibody | anti-CASP3 antibody

Caspase-3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29949	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

Caspase-3; Polyclonal Antibody; Caspase-3 Antibody; A830040C14Rik antibody; Apopain antibody; CASP-3 antibody; CASP3 antibody; CASP3_HUMAN antibody; Casp3a antibody; Caspase 3 antibody; Caspase 3; apoptosis-related cysteine peptidase antibody; apoptosis-related cysteine protease antibody; apoptosis-related cysteine protease a antibody; Caspase-3 subunit p12 antibody; CC3 antibody; CPP-32 antibody; CPP32 antibody; CPP32B antibody; Cysteine protease CPP32 antibody; EC 3.4.22.56 antibody; LICE antibody; mldy antibody; OTTHUMP00000165052 antibody; OTTHUMP00000165053 antibody; OTTHUMP00000165054 antibody; PARP cleavage protease antibody; Procaspase3 antibody; Protein Yama antibody; SCA 1 antibody; SCA-1 antibody; SREBP cleavage activity 1 antibody; Yama antibody; anti-CASP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-CASP3 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:1000 IHC: 1:200 ICC: 1:200 FC/FACS: 1:100-1:200
Immunogen	Synthetic peptide (KLH-coupled) within human Caspase-3 N-terminal.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM (Flow Cytometry)

Flow cytometric analysis of HeLa cells with Caspase-3 antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti rabbit IgG (FITC) was used as the secondary antibody.



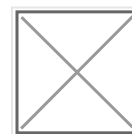
ICC (Immunocytochemistry)

ICC staining of Caspase-3 in A549 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining of Caspase-3 in HepG2 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Caspase-3 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver carcinoma tissue using anti-Caspase-3 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Caspase-3 on different lysates using anti- Caspase-3 antibody at 1/1,000 dilution. Positive control: Lane 1: Human lung Lane 2: Human brain Lane 3: Jurkat Lane 4: F9 Lane 5: NCCT1 Lane 6: Daudi Lane 7: Raji Lane 8: MCF-7 Lane 9: HeLa

ADDITIONAL INFORMATION

Related Product Information for anti-CASP3 antibody	Caspase-3 (CPP-32, Apoptain, Yama, SCA-1) is a critical executioner of apoptosis, as it is either partially or totally responsible for the proteolytic cleavage of many key proteins, such as the nuclear enzyme poly (ADP-ribose) polymerase (PARP). Heterotetramer that consists of two anti-parallel arranged heterodimers, each one formed by a 17 kDa (p17) and a 12 kDa (p12) subunit.
Product Categories/Family for anti-CASP3 antibody	Total protein Ab

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/caspase-3-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29949>