

Rabbit anti-Human, Mouse Cleaved Caspase-1 p20 Polyclonal Antibody | anti-p20 antibody

Cleaved Caspase-1 p20 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282269	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

Cleaved Caspase-1 p20; Polyclonal Antibody; Cleaved Caspase-1 p20 Rabbit pAb; CASP1; ICE; IL1BC; P45; caspase-1; Caspase 1; anti-p20 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	DEDHRNQFGQ RDRSSAPNV HINTIEPVNI DDLIRDQGFR GDGGSTTGLS ATPPASLPGS LTNVKALQKS PGPQREKSS SSSEDRNRMK TLGRRDSSDD
Applicable Applications for anti-p20 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human Cleaved Caspase-1 p20 (NP_150634.1).
Cellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using Cleaved Caspase-1 p20 Rabbit pAb at dilution of 1:25 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using Cleaved Caspase-1 p20 Rabbit pAb at dilution of 1:25 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

ADDITIONAL INFORMATION

Related Product Information for anti-p20 antibody

This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme. This gene was identified by its ability to proteolytically cleave and activate the inactive precursor of interleukin-1, a cytokine involved in the processes such as inflammation, septic shock, and wound healing. This gene has been shown to induce cell apoptosis and may function in various developmental stages. Studies of a similar gene in mouse suggest a role in the pathogenesis of Huntington disease. Alternative splicing results in transcript variants encoding distinct isoforms.

Product Categories/Family for anti-p20 antibody

Cancer; Invasion and Metastasis; Signal Transduction; ErbB-HER Signaling Pathway; Cell Biology & Developmental Biology; Apoptosis; Caspases; Endocrine & Metabolism; Immunology & Inflammation; Neuroscience; Neurodegenerative Diseases; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	33188459
NCBI GeneID	673
NCBI Accession #	NP_004324.2
NCBI GenBank Nucleotide #	NM_004333.4
UniProt Accession #	P15056; Q13878; Q3MIN6; Q9UDP8; Q9Y6T3; A4D1T4; B6HY61; B6HY62; B6HY63; B6HY64; B6HY65; B6HY66
Molecular Weight	84,437 Da
NCBI Official Full Name	serine/threonine-protein kinase B-raf
NCBI Official Synonym Full Names	v-raf murine sarcoma viral oncogene homolog B1
NCBI Official Symbol	BRAF
NCBI Official Synonym Symbols	NS7; BRAF1; RAFB1; B-RAF1
NCBI Protein Information	serine/threonine-protein kinase B-raf; 94 kDa B-raf protein; proto-oncogene B-Raf; murine sarcoma viral (v-raf) oncogene homolog B1; B-Raf proto-oncogene serine/threonine-protein kinase (p94)
UniProt Protein Name	Serine/threonine-protein kinase B-raf
UniProt Gene Name	BRAF
UniProt Synonym Gene Names	BRAF1; RAFB1
UniProt Entry Name	BRAF_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cleaved-caspase-1-p20-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-elisa/282269>