

Rabbit Caspase-2 Monoclonal Antibody | anti-CASP-2 antibody

Caspase-2 mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62473	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

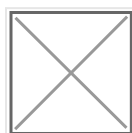
PRODUCT SYNONYMS

Caspase-2; Monoclonal Antibody; Caspase-2 mAb; Neural precursor cell expressed developmentally down-regulated protein 2; NEDD-2; Protease ICH-1; ICH1; NEDD2; anti-CASP-2 antibody

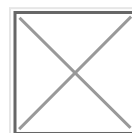
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	312
Applicable Applications for anti-CASP-2 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Source Note	This monoclonal antibody is produced by immunizing animals with a polypeptide corresponding to Caspase-2 protein.
Preparation and Storage	Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze / thaw cycle.

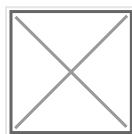
IMAGES



IF (Immunofluorescence)



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-CASP-2 antibody

Caspase 2 also known as CASP2 is an enzyme that, in humans, is encoded by the CASP2 gene. Caspase 2 proteolytically cleaves other proteins. It belongs to a family of cysteine proteases called caspases that cleave proteins only at an amino acid following an aspartic acid residue. Within this family, caspase 2 is part of the Ich-1 subfamily. It is one of the most conserved caspases in different species of animal. Caspase 2 has a similar amino acid sequence to initiator caspases, including caspase 1, caspase 4, caspase 5, and caspase 9. It is produced as a zymogen, which contains a long pro-domain that is similar to that of caspase 9 and contains a protein interaction domain known as a CARD domain. Pro-caspase-2 contains two subunits, p19 and p12.

Product Categories/Family for anti-CASP-2 antibody

Apoptosis; Caspase family Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502575
NCBI GeneID	835
NCBI Accession #	NP_001215.1
NCBI GenBank Nucleotide #	NM_001224.4
UniProt Accession #	P42575; P42576; Q59F21; Q7KZL6; Q86UJ3; Q9BUP7; Q9BZK9; Q9BZL0; A8K5F9; D3DXD6; E9PDN0
Molecular Weight	48; 30; 12kDa
NCBI Official Full Name	caspase-2 isoform 2
NCBI Official Synonym Full Names	caspase 2
NCBI Official Symbol	CASP2
NCBI Official Synonym Symbols	ICH1; NEDD2; CASP-2; NEDD-2; PPP1R57
NCBI Protein Information	caspase-2
UniProt Protein Name	Caspase-2
UniProt Gene Name	CASP2
UniProt Synonym Gene Names	ICH1; NEDD2; CASP-2; NEDD-2

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/monoclonal/caspase-2-antibody-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/62473>