Rabbit anti-Human, Mouse Caspase-2 Polyclonal Antibody | anti-CASP2 antibody

Caspase-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39631	**Rabbit**	**Human, Mouse**	**Immunocytochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Caspase-2; Polyclonal Antibody; Caspase-2 Antibody; ICH1; NEDD2; CASP-2; NEDD-2; PPP1R57; Neural precursor cell expressed developmentally down-regulated protein 2; caspase 2; apoptosis-related cysteine peptidase; anti-CASP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Depending on cell lines or tissues used, other cleavage products may be observed.
Purity/Purification	Caspase-2 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	452
Applicable Applications for anti-CASP2 antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Caspase-2 antibody was raised against a 16 amino acid synthetic peptide from the amino-terminus of human Caspase-2.
Buffer	Caspase-2 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Caspase-2 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES

ICC (Immunocytochemistry)
Immunocytochemistry of caspase-2 in A-20 cells with caspase-2 antibody at 2 μg/mL.

WB (Western Blot)
Western blot analysis of Caspase-2 in (A) human thymus tissue and (B) human kidney lysate with Caspase-2 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP2 antibody	Caspase-2 Antibody: Caspases are a family of cysteine proteases that can be divided into the apoptotic and inflammatory caspase subfamilies. Unlike the apoptotic caspases, members of the inflammatory subfamily are generally not involved in cell death but are associated with the immune response to microbial pathogens. Members of this subfamily include caspase-1, -4, -5, and -12 and can activate proinflammatory cytokines such as IL-1? and IL-18. Although phylogenetically similar to this subfamily, Caspase-2 is thought to be involved in stress-induced apoptosis. Caspase-2 has two major isoforms; overexpression on the long form results in apoptosis while that of the short form suppresses cell death.

NCBI AND UNIPROT INFORMATION

NCBI GI #	83300977
NCBI GeneID	835
UniProt Accession #	P42575; P42576; Q59F21; Q7KZL6; Q86UJ3; Q9BUP7; Q9BZK9; Q9BZL0; A8K5F9; D3DXD6; E9PDN0
Molecular Weight	10,309 Da
NCBI Official Full Name	Caspase-2
NCBI Official Synonym Full Names	caspase 2, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP2
NCBI Official Synonym Symbols	ICH1; NEDD2; CASP-2; NEDD-2; PPP1R57
NCBI Protein Information	caspase-2; protease ICH-1; protein phosphatase 1, regulatory subunit 57; neural precursor cell expressed developmentally down-regulated protein 2
UniProt Protein Name	Caspase-2
UniProt Gene Name	**CASP2**
UniProt Synonym Gene Names	ICH1; NEDD2; CASP-2; NEDD-2
UniProt Entry Name	CASP2_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-2-antibody-immunocytochemistry-western-blot-elisa/39631