

Rabbit CASP2 Polyclonal Antibody | anti-CASP2 antibody

CASP2 Antibody

CATALOG # AAA328569	HOST Rabbit	REACTIVITY Human, Mouse, Rat Predicted: Rabbit	APPLICATIONS ELISA, Western Blot
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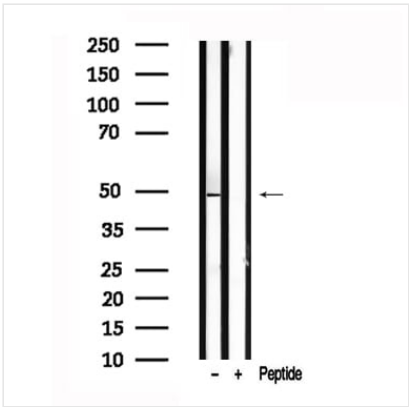
PRODUCT SYNONYMS

CASP2; Polyclonal Antibody; CASP2 Antibody; CASP 2; CASP-2; Casp2; CASP2_HUMAN; Caspase 2; Caspase 2 apoptosis related cysteine peptidase; Caspase-2 subunit p12; Caspase2; ICH 1; ICH 1 protease; ICH 1L; ICH1; ICH1 protease; ICH1L; NEDD-2; NEDD2; Neural precursor cell expressed developmentally down-regulated protein 2; PPP1R57; Protease ICH-1; Protein phosphatase 1 regulatory subunit 57; anti-CASP2 antibody

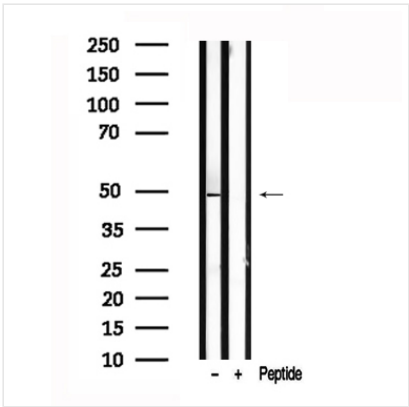
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	CASP2 Antibody detects endogenous levels of CASP2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	312
Applicable Applications for anti-CASP2 antibody	ELISA (Peptide ELISA), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CASP2.
Tissue Specificity	Expressed at higher levels in the embryonic lung, liver and kidney than in the heart and brain. In adults, higher level expression is seen in the placenta, lung, kidney, and pancreas than in the heart, brain, liver and skeletal muscle.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of CASP2 in lysates of Jurkat , using CASP2 Antibody.



WB (Western Blot)
Western blot analysis of extracts from EC304, using CASP2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP2 antibody	Description: Involved in the activation cascade of caspases responsible for apoptosis execution. Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival.
	Post Translational Modifications: The mature protease can process its own propeptide, but not that of other caspases.
	Subunit Structure: Heterotetramer that consists of two anti-parallel arranged heterodimers, each one formed by a p18 subunit and a p12 subunit. Interacts with LRDD. Interacts with NOL3 (via CARD domain); inhibits CASP2 activity in a phosphorylation-dependent manner.
	Similarity: Belongs to the peptidase C14A family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502575
NCBI GeneID	835
NCBI Accession #	NP_001215.1
NCBI GenBank Nucleotide #	NP_001215.1
UniProt Accession #	P42575
Molecular Weight	Observed: 49 kDa Predicted: 51 kDa
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
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/casp2-antibody-peptide-elisa-western-blot-elisa/328569>