

Rabbit anti-Human Caspase-1 Polyclonal Antibody | anti-CASP1 antibody

Caspase-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307667	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

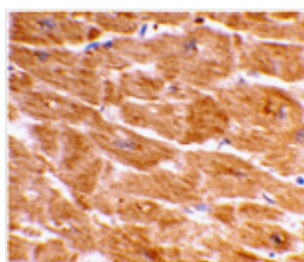
PRODUCT SYNONYMS

Caspase-1; Polyclonal Antibody; Caspase-1 Antibody; ICE; IL-1beta converting enzyme; anti-CASP1 antibody

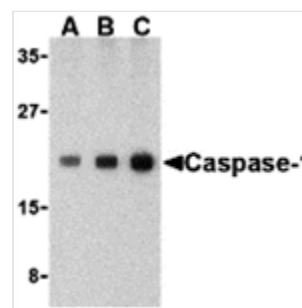
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Depending on cell lines or tissues used, other cleavage products may be observed.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	404
Applicable Applications for anti-CASP1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the carboxy terminus of human Caspase-1.
Target Name	Caspase-1
Preparation and Storage	Can be stored at -20 degree C, stable for 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


IHC (Immunohistochemistry)

Immunohistochemical staining of human heart tissue using Caspase-1 antibody at 2 ug/mL.


WB (Western Blot)

Western blot analysis of Caspase-1 in human heart cell lysate with Caspase-1 antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CASP1 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-1b and IL-18. Caspase-1 was initially identified as an IL-1b-converting enzyme; later experiments revealed it to be a mammalian homolog of the C. elegans cell death gene ced-3 whose overexpression can induce apoptosis in fibroblasts.
Product Categories/Family for anti-CASP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	15431328
NCBI GeneID	834
NCBI Accession #	NP_150634
NCBI GenBank Nucleotide #	NM_033292.3
Molecular Weight	10,417 Da
NCBI Official Full Name	caspase-1 isoform alpha
NCBI Official Synonym Full Names	caspase 1, apoptosis-related cysteine peptidase
NCBI Official Symbol	CASP1
NCBI Official Synonym Symbols	ICE; P45; IL1BC
NCBI Protein Information	caspase-1
UniProt Protein Name	Caspase-1
UniProt Gene Name	CASP1
UniProt Synonym Gene Names	IL1BC; IL1BCE; CASP-1; IL-1BC; ICE; IL-1 beta-converting enzyme
UniProt Entry Name	CASP1_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-1-antibody-immunohistochemistry-western-blot-elisa/307667>