

Rabbit anti-Human Caspase-1(P20) Polyclonal Antibody | anti-CASP1 antibody

Anti-Caspase-1(P20) antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44962	Rabbit	Human	Immunohistochemistry, Western Blot

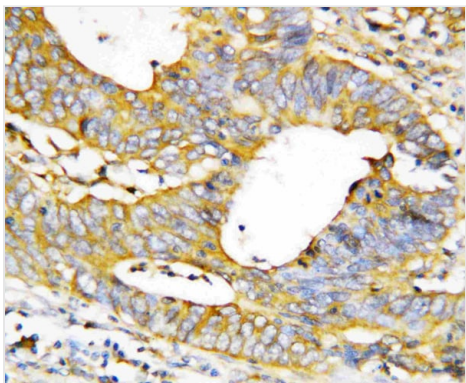
PRODUCT SYNONYMS

Caspase-1(P20); Polyclonal Antibody; Anti-Caspase-1(P20) antibody; Caspase-1(CASP-1); caspase 1; apoptosis-related cysteine peptidase; CASP 1 antibody; CASP-1 antibody; CASP1 antibody; Caspase 1 apoptosis related cysteine peptidase antibody; Caspase 1 apoptosis related cysteine protease antibody; Caspase-1 subunit p20 antibody; Caspase1 antibody; ICE antibody; IL 1 beta converting enzyme antibody; IL 1BC antibody; IL-1 beta-converting enzyme antibody; IL-1BC antibody; IL1 beta converting enzyme antibody; IL1B convertase antibody; IL1BC antibody; IL1BCE antibody; Interleukin 1 beta convertase antibody; Interleukin 1 beta convertase precursor antibody; Interleukin 1 beta converting enzyme antibody; Interleukin 1B converting enzyme antibody; Interleukin-1 beta convertase antibody; Interleukin-1 beta-converting enzyme antibody; P45 antibody; anti-CASP1 antibody

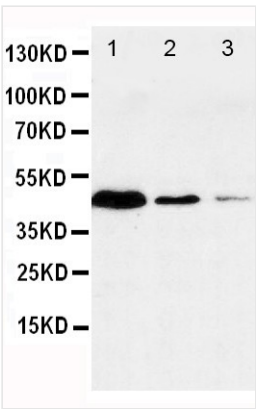
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	404
Applicable Applications for anti-CASP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CASP1 (135-152aa CSLEEAQRIWKQKSAEIY).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Caspase-1(P20) antibody, AAA44962, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)
Anti-Caspase-1(P20) antibody, AAA44962, Western blottingLane 1: JURKAT Cell LysateLane 2: RAJI Cell LysateLane 3: CEM Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CASP1 antibody	Description: Rabbit IgG polyclonal antibody for Caspase-1(CASP1) detection. Tested with WB, IHC-P in Human. Background: Caspase 1 is a cysteine protease that regulates inflammatory processes through its capacity to process and activate the interleukin-1-beta, IL18, and IL33 precursor proteins. It belongs to a family of cysteine proteases known as caspases that always cleave proteins following an aspartic acid residue. The Caspase1 gene consists of 10 exons spanning at least 10.6 kb. The Caspase 1 gene is mapped to 11q23, a site frequently involved in rearrangement in human cancers, including a number of leukemias and lymphomas, by Southern DNA blot analysis of rodent-human hybrids and by in situ hybridization to normal human metaphase chromosomes. Caspase 1 has been shown to induce cell necrosis or pyroptosis and may function in various developmental stages.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	266321
NCBI GeneID	834
UniProt Accession #	P29466; Q53EY6; Q6DMQ1; Q6GSS3; Q6PI75; Q9UCN3; B5MDZ1
Molecular Weight	10,417 Da
NCBI Official Full Name	Caspase-1
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; IL1B-convertase; CASP1 nirs variant 1; IL-1 beta-converting enzyme; interleukin 1, beta, convertase; interleukin 1-B converting enzyme; caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)
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.