

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

Polyclonal Antibody to Caspase 1 (CASP1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133003	Rabbit	Human, Mouse, Pig	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Caspase 1 (CASP1); Polyclonal Antibody; Polyclonal Antibody to Caspase 1 (CASP1); anti-CASP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CASP1. It has been selected for its ability to recognize CASP1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-AIKKAHIE KDFIAFCSST PDNVSWRHPT MGSVFIGRLI EHMQEYACSC DVEEIFRKVR FSFEQPDGRA QMPPTERTVL TRCFYLFPGH
Sequence Length	402
Applicable Applications for anti-CASP1 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CASP1 (Ala317~His404) expressed in E.coli.
Cross Reactivity	Human
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate; Lane 2: CASP1 knockout HeLa cell lysate; Predicted MW: 10,29~45kd Observed MW: 45kd Primary Ab: 1ug/ml Rabbit Anti-Human CASP1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded spleen tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant CASP1, Human.

**WB (Western Blot)**

Western Blot: Sample: Human Hela Cells.

ADDITIONAL INFORMATION**Product Categories/Family for anti-CASP1 antibody**[Knock-Out Validation Antibody](#)**NCBI AND UNIPROT INFORMATION**

NCBI GI #	4502573
NCBI GeneID	834
NCBI Accession #	NP_001214.1
NCBI GenBank Nucleotide #	NM_001223.4
UniProt Accession #	P29466; Q53EY6; Q6DMQ1; Q6GSS3; Q6PI75; Q9UCN3; B5MDZ1
Molecular Weight	10,417 Da
NCBI Official Full Name	caspase-1 isoform beta
NCBI Official Synonym Full Names	caspase 1
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

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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