

Rabbit Caspase 1 Polyclonal Antibody | anti-CASP1 antibody

Caspase 1 (Phospho-Ser376) Antibody

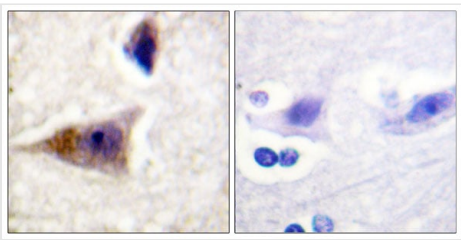
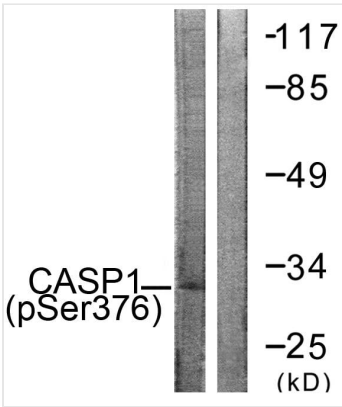
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316391	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Caspase 1; Polyclonal Antibody; Caspase 1 (Phospho-Ser376) Antibody; CASP-1; caspase-1; ICE; IL-1 beta converting enzyme; IL-1BC; IL1BCE; interleukin-1 beta convertase; interleukin-1 beta converting enzyme; p45; anti-CASP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Caspase 1 (Phospho-Ser376) Antibody detects endogenous levels of Caspase 1 only when phosphorylated at Ser376.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	88
Applicable Applications for anti-CASP1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S376; M:S374; R:S374
Immunogen	The antiserum was produced against synthesized peptide derived from human Caspase 1 around the phosphorylation site of Ser376.
Immunogen Range	342-391
Preparation and Storage	Stable at -20 degree C for at least 1 year.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain, using Caspase 1 (Phospho-Ser376) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from 293 cells, using Caspase 1 (Phospho-Ser376) Antibody. The lane on the right is blocked with the phospho peptide.

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	29 kDa
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.