

Caspase-1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A11625	Rabbit	1 mg/ml	45159
Applications	IF, WB, IHC, ELISA		
Reactivity	Human, Rat		
Dilution	IF: 1:50-200 WB 1:500-2000, IHC 1:50-300, ELISA 1:10000-20000		
Storage	-20°C/1 year		
Specificity	Caspase-1 Polyclonal Antibody detects endogenous levels of Caspase-1		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human CASP1. AA range:350-400		
Uniprot No	P29466		
Alternative names	caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	<p>caspase 1(CASP1) Homo sapiens This gene encodes a protein which is a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce 2 subunits, large and small, that dimerize to form the active enzyme. This gene was identified by its ability to proteolytically cleave and activate the inactive precursor of interleukin-1, a cytokine involved in the processes such as inflammation, septic shock, and wound healing. This gene has been shown to induce cell apoptosis and may function in various developmental stages. Studies of a similar gene in mouse suggest a role in the pathogenesis of Huntington disease. Alternative splicing results in transcript variants encoding distinct isoforms. [provided by RefSeq, Mar 2012],</p>		
Other	CASP1 IL1BC IL1BCE, Caspase-1		

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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