SunLong Biotech Co.,LTD
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[Primary Antibody]

Recombinant Rabbit Anti-CASP1 Monoclonal Antibody

Catalog Number: SLA0769M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG2b/Kappa
Clonality:	Monoclonal
Clone No.:	10C9
SWISS:	P29466
Target:	CASP1
Immunogen:	Synthesized peptide derived from human Caspase-1
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat,Pig,Horse
Predicted MW.:	10/45 kDa
Background:	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.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Studies of a similar gene in suggest a role in the pathogenesis of Huntington disease. Alternative splicing results in transcript variants encoding distinct isoforms. [provided by RefSeq , Mar 2012]

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