

## Cleaved-Caspase-1 (D210) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A12592	Rabbit	1 mg/ml	45159
<b>Applications</b>	WB,IF,IHC,ELISA		
<b>Reactivity</b>	Human		
<b>Dilution</b>	WB 1:500-2000, IHC 1:50-300, IF 1:50-300		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	Cleaved-Caspase-1 (D210) Polyclonal Antibody detects endogenous levels of fragment of activated Caspase-1 protein resulting from cleavage adjacent to D210.		
<b>Source / Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human IL-1 beta. AA range:161-210		
<b>Uniprot No</b>	P29466		
<b>Alternative names</b>	CASP1; IL1BC; IL1BCE; Caspase-1; CASP-1; Interleukin-1 beta convertase; IL-1BC; Interleukin-1 beta-converting enzyme; ICE; IL-1 beta-converting enzyme; p45		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>	IgG		
<b>Conjugation</b>			
<b>Background</b>	<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>		
<b>Other</b>	CASP1, 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

**Trademarks**

*All product names and trademarks are the property of their respective owners.*

**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

---

**Contact and Support:**

*To ask questions, solve problems, suggest enhancements and report new applications, please visit our [Online Technical Support Site](#).*

*To call, write, fax, or email us, please visit [www.aabsci.cn](http://www.aabsci.cn), contact information will be displayed.*

---