Product datasheet Anti-Caspase 1/CASP1 (p10+p12) Antibody (Clone#26C50) Catalog Number: M00048-2



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Basic Information	
Product Name	Anti-Caspase 1/CASP1 (p10+p12) Antibody (Clone#26C50)
Gene Name	CASP1
Source	Rabbit
lsotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IP
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.5mg/ml BSA.
Immunogen	A synthesized peptide derived from Caspase-1 + $p10 + p12$
concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	45,42,35,12,10KD
Dilution Ratios	Western blot (WB):1:500-2000 IP: 1:50

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Caspase 1 is a cysteine protease that regulates inflammatory processes through its capacity to process and activate the interleukin-1-beta, IL18, and IL33 precursor proteins. It belongs to a family of cysteine proteases known as caspases that always cleave proteins following an aspartic acid residue. The Caspase1 gene consists of 10 exons spanning at least 10.6 kb. The Caspase 1 gene is mapped to 11q23, a site frequently involved in rearrangement in human cancers, including a number of leukemias and lymphomas, by Southern DNA blot analysis of rodent-human hybrids and by in situ hybridization to normal human metaphase chromosomes. Caspase 1 has been shown to induce cell necrosis or pyroptosis and may function in various developmental stages.

Reference

Anti-Caspase 1/CASP1 (p10+p12) Antibody (Clone#26C50)被引用在1文献中。

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Selected Validation Data