

Basic Information

Product Name	Anti-Caspase 1/CASP1 (p20) Antibody
Gene Name	CASP1
Source	Rabbit
Isotype	IgG
Species Reactivity	mouse, rat
Tested Application	IHC
Contents	500 ug/ml antibody with PBS , 0.02% NaN ₃ , 1 mg BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human CASP1(135-152aa CSLEEAQRIWKQKSAEIIY).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Dilution Ratios	Immunohistochemistry in paraffin section (IHC): 1:50-400 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

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 (p20) Antibody被引用在3文献中。

Product datasheet

Anti-Caspase 1/CASP1 (p20) Antibody

Catalog Number: **BA2220-1**

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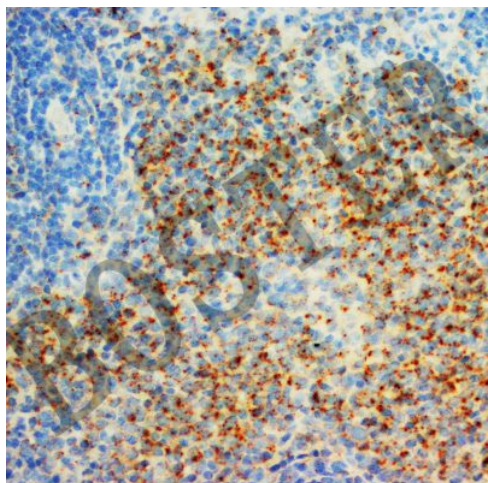
antibody and ELISA experts

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Selected Validation Data



Caspase 1(BA2220-1)大鼠脾脏标本，石蜡切片，SABC法，DAB显色。