

Caspase 1 p20 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51037

Product Information

Application	WB
Primary Accession	P29466
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20 kDa

Additional Information

Other Names	Caspase-1, CASP-1, Interleukin-1 beta convertase, IL-1BC, Interleukin-1 beta-converting enzyme, ICE, IL-1 beta-converting enzyme, p45, Caspase-1 subunit p20, Caspase-1 subunit p10, CASP1, IL1BC, IL1BCE
Dilution	WB~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C. Stable for 12 months from date of receipt

Protein Information

Background

Thiol protease that cleaves IL-1 beta between an Asp and an Ala, releasing the mature cytokine which is involved in a variety of inflammatory processes. Important for defense against pathogens. Cleaves and activates sterol regulatory element binding proteins (SREBPs). Can also promote apoptosis.

References

- Thornberry N.A., et al. Nature 356:768-774(1992).
Cerretti D.P., et al. Science 256:97-100(1992).
Alnemri E.S., et al. J. Biol. Chem. 270:4312-4317(1995).
Totoki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Taylor T.D., et al. Nature 440:497-500(2006).

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