
Product Name: Caspase 1 Rabbit Monoclonal Antibody**Catalog #: AMRe85379**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:10-1:20
Molecular Weight	Calculated MW: 45 kDa; Observed MW: 45,20 kDa

Antigen Information

Gene Name	Caspase 1
Alternative Names	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
Gene ID	834.0
SwissProt ID	P29466
Immunogen	Recombinant protein of human Caspase-1

Background

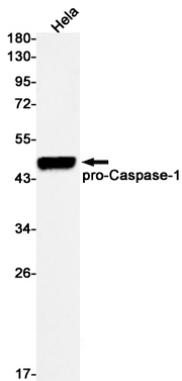
Thiol protease that cleaves IL-1 beta between an Asp and an Ala, releasing the mature cytokine which is involved in a variety of inflammatory processes. Important for defense against pathogens. Cleaves and activates sterol regulatory element binding

proteins (SREBPs). Can also promote apoptosis.

Research Area

Apoptosis

Image Data



Western blot analysis of Caspase1 in HeLa lysates using Caspase 1 antibody.