

Caspase 1 Rabbit mAb

Catalog No: #52191



Package Size: #52191-1 50ul #52191-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

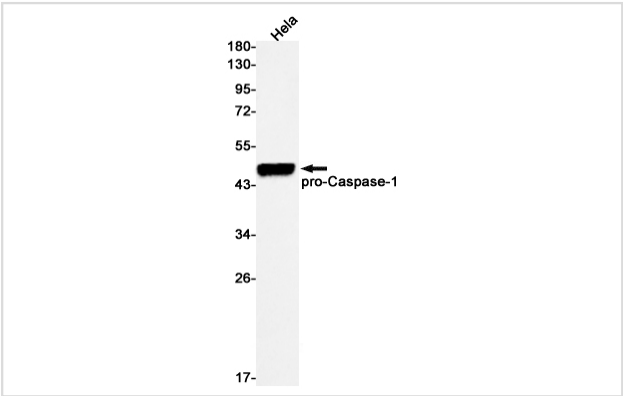
Description

Product Name	Caspase 1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S05-7H1
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant protein of human Caspase-1
Conjugates	Unconjugated
Modification	Unmodification
Other Names	ICE; P45; IL1BC
Accession No.	Swiss-Prot:P29466GenelD:834
Uniprot	P29466
GenelD	834
Calculated MW	Calculated MW: 45 kDa; Observed MW: 45,20 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of Caspase-1 in HeLa cell lysates using Caspase-1 Rabbit mAb(1:500 diluted).Predicted band size:45kDa.Observed band size:45,20kDa.

## Background

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Swiss-Prot Acc.P29466.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. Upon inflammasome activation, during DNA virus infection but not RNA virus challenge, controls antiviral immunity through the cleavage of CGAS, rendering it inactive (PubMed:28314590).

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Note: This product is for in vitro research use only