

Caspase 9 Rabbit mAb

Catalog No: #52085

Package Size: #52085-1 50ul #52085-2 100ul

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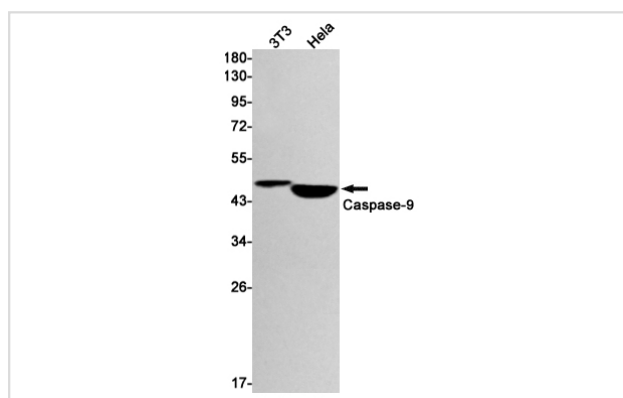
Description

Product Name	Caspase 9 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S09-4C4
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human;Mouse
Immunogen Description	Recombinant protein of human Caspase-9
Conjugates	Unconjugated
Modification	Unmodification
Other Names	CASP 9; Caspase-9; CASP-9; Apoptotic protease Mch-6; Apoptotic protease-activating factor 3; APAF-3; ICE-like apoptotic protease 6; ICE-LAP6; Caspase-9 subunit p35; Caspase-9 subunit p10; CASP9; MCH6;
Accession No.	Swiss-Prot:P55211GeneID:842
Calculated MW	Calculated MW: 46 kDa; Observed MW: 46 kDa
Formulation	50nM 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-9 in 3T3,HeLa cell lysates using Caspase-9 Rabbit mAb(1:1000 diluted).Predicted band size:46kDa.Observed band size:46kDa.

Background

Swiss-Prot Acc.P55211.Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent

manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP).

Isoform 2 lacks activity is an dominant-negative inhibitor of caspase-9.

Published Papers

el at., CD155 Cooperates with PD-1/PD-L1 to Promote Proliferation of Esophageal Squamous Cancer Cells via PI3K/Akt and MAPK Signaling Pathways. In Cancers (Basel) on 2022 Nov 15 by Xiyang Tan, Jie Yang, et al..PMID:36428703, , (2022)

[PMID:36428703](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.