

Caspase-9 Polyclonal Antibody

Catalog No: #40675



Package Size: #40675-1 50ul #40675-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Caspase-9 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB;IHC;IF;ELISA
Species Reactivity	Human;Mouse;Rat
Specificity	Caspase-9 Polyclonal Antibody detects endogenous levels of Caspase-9 protein.
Immunogen Type	peptide
Immunogen Description	Synthesized peptide derived from human Caspase-9 around the non-phosphorylation site of T125.
Conjugates	Unconjugated
Target Name	Caspase-9
Other Names	CASP9; MCH6; Caspase-9; CASP-9; Apoptotic protease Mch-6; Apoptotic protease-activating factor 3; APAF-3; ICE-like apoptotic protease 6; ICE-LAP6
Accession No.	Swiss-Prot: P55211NCBI Gene ID: 842
Calculated MW	17kDa/30kDa/36kDa/46kDa
SDS-PAGE MW	46kDa
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

Western Blot: 1/500 - 1/2000.

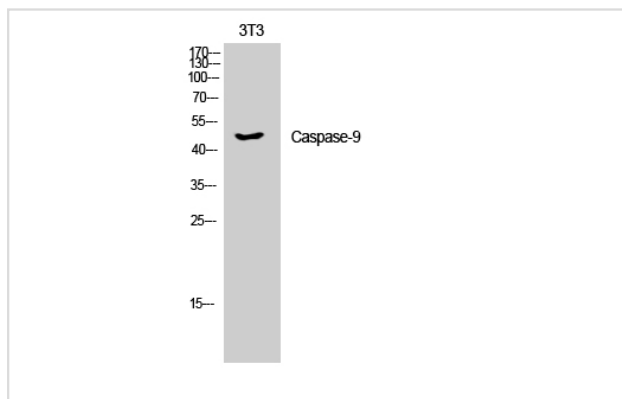
Immunohistochemistry: 1/100 - 1/300.

Immunofluorescence: 1/200 - 1/1000.

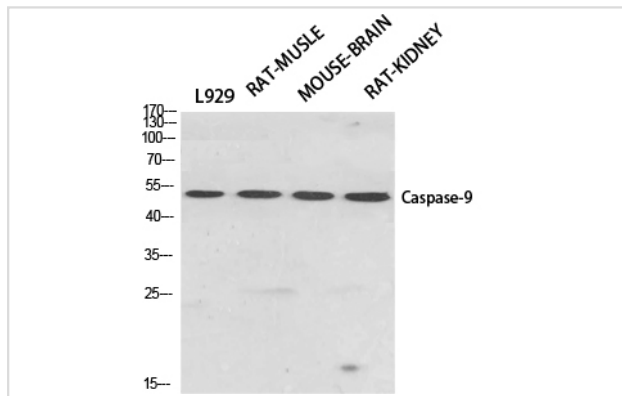
ELISA: 1/5000.

Not yet tested in other applications.

Images



Western Blot analysis of 3T3 cells using Caspase-9 Polyclonal Antibody



Western Blot analysis of L929 rat-muscle mouse-brain rat-kidney cells using Caspase-9 Polyclonal Antibody

Published Papers

el at., Quercetin induces apoptosis via the mitochondrial pathway in KB and KBv200 cells. In J Agric Food Chem on 2013 Mar 6 by Zhang JY, Yi T, et al.. PMID:23410218, , (2013)

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el at., Apoptosis sensitization by Euphorbia factor L1 in ABCB1-mediated multidrug resistant K562/ADR cells. In Molecules on 2013 Oct 16 by Tao Yi, Yi-Na Tang, et al.. PMID: 24135937, , (2013)

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el at., Sulforaphane $\zeta^{\bullet}$ induced apoptosis in X uanwei lung adenocarcinoma cell line XWLC1 ?5. In Thorac Cancer on 2017 Jan by Lan Zhou, Qian Yao, et al.. PMID: 27878984, , (2017)

[PMID:27878984](#)

el at., miR-137 and miR-197 induce apoptosis and suppress tumorigenicity by targeting MCL-1 in multiple myeloma. In Clin Cancer Res on 2015 May 15 by Yijun Yang , Fei Li et al.. PMID:25724519 , , (2015)

[PMID:25724519](#)

el at., Harmine Hydrochloride Triggers G2 Phase Arrest and Apoptosis in MGC1 ?03 Cells and SMMC1 ?721 Cells by Upregulating p21, Activating Caspase1 ?/Bid, and Downregulating ERK/Bad Pathway. In Phytother Res on 2016 Jan by Peng Zhang , Chun-Rong Huang et al.. PMID: 26549417, , (2016)

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el at., Exosomes released from mesenchymal stem cells overexpressing microRNA-30e ameliorate heart failure in rats with myocardial infarction. In Am J Transl Res on 2021 May 15 by Lianmei Pu, Xiangyun Kong, et al.. PMID:34149995, , (2021)

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Hanyu Chen; Qianbei Lin; Yanlin Zeng; Pinliang Chen; Pengpeng Guo; Ruoshui Feng; Zhenyu Guo; Jinhua Kang; Qiucen Chen; Xiaoxiong Zhou el at., Xinyin tablets affect mitophagy and cardiomyocyte apoptosis to alleviate chronic heart failure by regulating histone deacetylase 3 (HDAC3)-mediated PTEN induced putative kinase 1 (PINK1)/Parkin signaling pathway., , (2025)

[PMID:40122315](#)

el at., Bruceine D induces apoptosis in human chronic myeloid leukemia K562 cells via mitochondrial pathway.In Am J Cancer Res on 2016 Mar 15
by Jian-Ye Zhang, Min-Ting Lin et al..PMID: 27186433, , (2016)

[PMID:27186433](#)

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