Product Datasheet

MLKL antibody

Catalog No: #38674

Package Size: #38674-1 50ul #38674-2 100ul

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

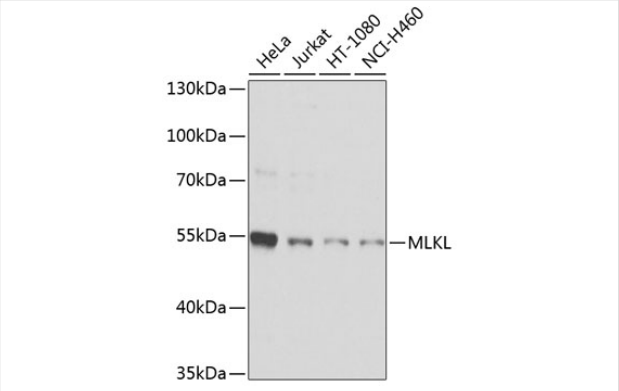
Description

Product Name	MLKL antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total MLKL protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human MLKL.
Target Name	MLKL
Other Names	9130019I15Rik;
Accession No.	Swiss-Prot#: Q8NB16NCBI Gene ID: 74568
SDS-PAGE MW	54kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using MLKL antibody at 1:1000 dilution.

Background

Pseudokinase that plays a key role in TNF-induced necroptosis, a programmed cell death process. Activated following phosphorylation by RIPK3, leading to homotrimerization, localization to the plasma membrane and execution of programmed necrosis characterized by calcium influx and plasma

membrane damage. Does not have protein kinase activity.

Published Papers

el at., Activation of AMPK inhibits Galectin-3-induced pulmonary artery smooth muscle cells proliferation by upregulating hippo signaling effector YAP. In Mol Cell Biochem on 2021 Aug by Qianqian Zhang, Wenge Li, et al..PMID: 33797701, , (2021)

PMID:33797701

el at., Astragalin Protects against Spinal Cord Ischemia Reperfusion Injury through Attenuating Oxidative Stress-Induced Necroptosis. In Biomed Res Int on 2021 Oct 28 by Feng Sun, Haiwei Zhang, et al..PMID:34746308, , (2021)

PMID:34746308

el at., ZYZ-803 mitigates endoplasmic reticulum stress-related necroptosis after acute myocardial Infarction through downregulatIng the RIP3-CaMKII signalIng pathway. In Oxid Med Cell Longev on 2019 Jun 2 by Chang L, Wang Z, et al..PMID:31281585, , (2019)

PMID:31281585

el at., Comprehensive Evaluation of White Matter Damage and Neuron Death and Whole-Transcriptome Analysis of Rats With Chronic Cerebral Hypoperfusion. In Front Cell Neurosci on 2019 Jul 17 by Li W, Wei D, et al..PMID:31379504, , (2019)

PMID:31379504

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