Product Datasheet

CASP7 Antibody

Catalog No: #32299

Package Size: #32299-1 50ul #32299-2 100ul

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

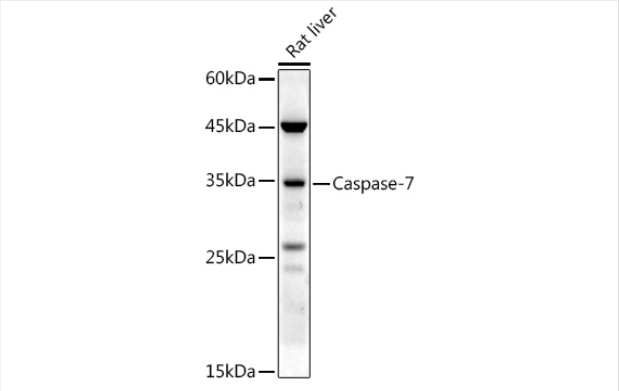
Description

Product Name	CASP7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total CASP7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human Caspase-7 (NP_001218.1).
Target Name	CASP7
Other Names	CASP7;CASP-7;CMH-1;ICE-LAP3;LICE2;MCH3;caspase-7;Casp7
Accession No.	Uniprot:P55210GeneID:840
SDS-PAGE MW	35KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

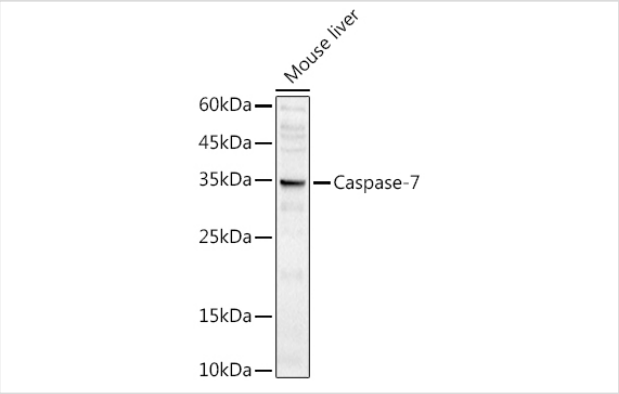
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

Images



Western blot analysis of extracts of Rat liver, using Caspase-7 antibody.



Western blot analysis of extracts of Mouse liver, using Caspase-7 antibody.

Background

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

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.