

CASP6 Antibody

Catalog No: #32434

Package Size: #32434-1 50ul #32434-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

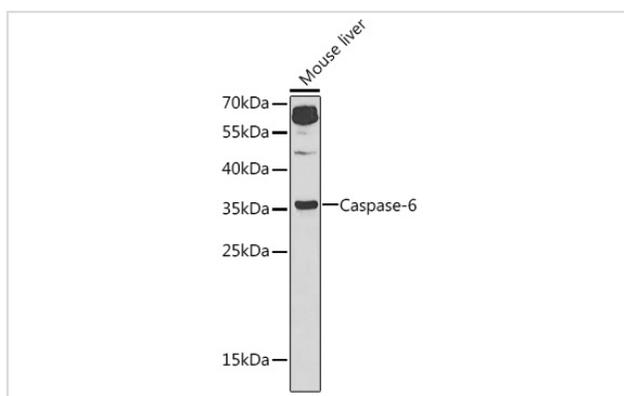
Description

Product Name	CASP6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total CASP6 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CASP6.
Target Name	CASP6
Other Names	MCH2; CASP6; Caspase-6;
Accession No.	Swiss-Prot:P55212NCBI Gene ID:839
Uniprot	P55212
GeneID	839;
SDS-PAGE MW	22KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

Images



Western blot analysis of extracts of mouse liver, using Caspase-6 at 1:1000 dilution.

Background

Caspase-6 (Mch2) is one of the major executioner caspases functioning in cellular apoptotic processes (1,2). Upon apoptotic stimulation, initiator caspases such as caspase-9 are cleaved and activated (3). The activated upstream caspases further process downstream executioner caspases, such as caspase-3 and caspase-6, by cleaving them into large and small subunits, thereby initiating a caspase cascade leading to apoptosis (4,5). One of the major targets for caspase-6 is the membrane associated protein lamin A (6). The cleavage of this protein causes cell membrane malfunction, membrane blebbing and eventual cell death.

Note: This product is for in vitro research use only