

caspase-4 antibody

Catalog No: #22908



Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

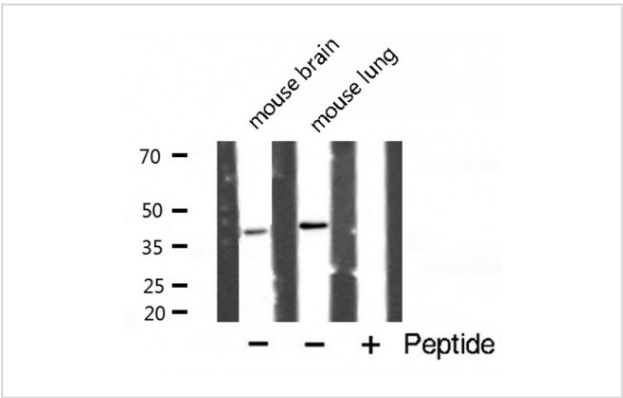
Description

Product Name	caspase-4 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Description	A synthesized peptide derived from human Caspase 4
Target Name	caspase-4
Accession No.	NCBI Gene ID: 837NCBI mRNA#: NM_001225NCBI Protein#: NP_001216
Uniprot	P49662
GeneID	837;
Concentration	1mg/ml
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

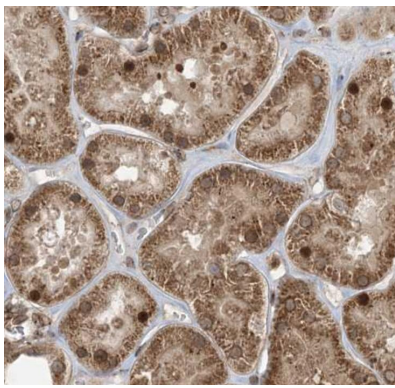
Application Details

Predicted MW: 43kd
Western blotting: 1:500-1:2000
Immunohistochemistry: 1:50-1:200

Images



Western blot analysis of Caspase 4 expression in mouse brain and lung.



Colon tissue Caspase 4 antibody used at 1/200 on formalin-fixed paraffin embedded tissue.

## Background

This gene encodes a protein that is 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 composed of a prodomain and a large and small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This caspase is able to cleave and activate its own precursor protein, as well as caspase 1 precursor. When overexpressed, this gene induces cell apoptosis. Alternative splicing results in transcript variants encoding distinct isoforms. [provided by RefSeq]

Note: This product is for in vitro research use only