
Product Name: Caspase-11 Rabbit Monoclonal Antibody**Catalog #: AMRe86937**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IP 1:50-1:100
Molecular Weight	Calculated MW:43 kDa; Observed MW:43,38,25 kDa

Antigen Information

Gene Name	Caspase-11
Alternative Names	Caspl; ich-3; CASP-4; Casp11; CASP-11
Gene ID	12363
SwissProt ID	P70343
Immunogen	Recombinant protein of mouse Caspase-11

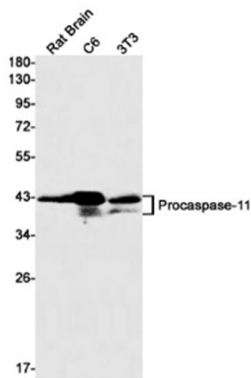
Background

This gene encodes a member of the cysteine proteases that plays important roles in apoptosis, cell migration and the inflammatory response. The encoded protein mediates production of pro-inflammatory cytokines by macrophages upon

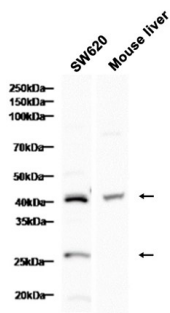
bacterial infection. Mice lacking the encoded protein are resistant to endotoxic shock induced by lipopolysaccharide. A 5-bp deletion encompassing a splice acceptor junction resulting in alternate splicing and a shorter non-functional isoform in certain mouse strains has been described. Although its official nomenclature is "caspase 4, apoptosis-related cysteine peptidase", this gene and its encoded protein have historically been called caspase 11. This gene is present in a cluster of three caspase genes on chromosome 9. [provided by RefSeq, Apr 2015]

Research Area

Image Data



Western blot detection of Caspase-11 in C6, 3T3, Hela cell lysates using Caspase-11 antibody (1:1000 diluted).



Western blot analysis of extracts from SW620 cells and Mouse liver tissue using AMRe86937 at 1:1000.