

Recombinant

DGRmAb®

Caspase-11 (DGR13235) Rabbit mAb

db14701

Package : 10µL 20µL 50µL 100µL

Product Name : Caspase-11 (DGR13235) Rabbit mAb**Cat.No.:** db14701**Synonyms** : Caspl; ich-3; CASP-4; Casp11; CASP-11**Application** : WB, IP**Reactivity** : Mouse**Host species** : Rabbit**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]

Immunogen

Recombinant protein of mouse Caspase-11

Gene ID

12363

Swiss Prot

P70343

Synonyms

Caspl; ich-3; CASP-4; Casp11; CASP-11

Reactivity

Mouse

Application

WB, IP

Recommended dilution

WB: 1:1000

IP: 1:50

Calculated MW

43 kDa

Observed MW

43,38,25 kDa

Host species

Rabbit

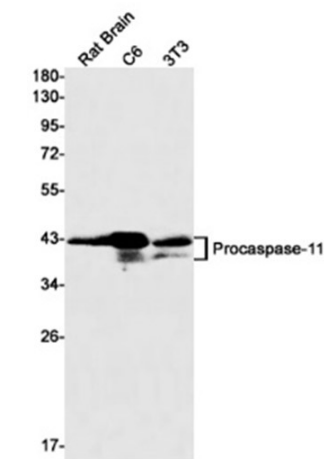
Clonality

Monoclonal

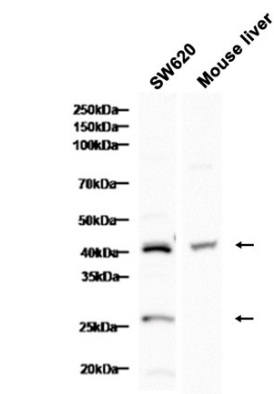
Clonality No.

DGR13235

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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 db14701 at 1:1000.