# Caspase-11 Rabbit pAb

Catalog No.: A6495 10 Publications



# **Basic Information**

## **Observed MW**

43kDa

#### **Calculated MW**

13kDa/18kDa/30kDa/36kDa/43kDa

## Category

Primary antibody

## **Applications**

WB,ELISA

### **Cross-Reactivity**

Human, Mouse

# **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.

# **Recommended Dilutions**

**WB** 1:500 - 1:1000

**ELISA** 

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

# Immunogen Information

Gene ID Swiss Prot

12363

## **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

## **Synonyms**

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

# **Contact**

| <b>a</b>  |   | 400-999-6126              |
|-----------|---|---------------------------|
| $\bowtie$ |   | cn.market@abclonal.com.cn |
| •         | Ī | www.abclonal.com.cn       |

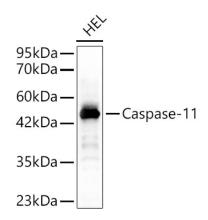
# **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



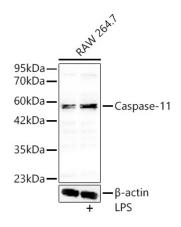
Western blot analysis of lysates from HEL cells, using Caspase-11 Rabbit pAb (A6495) at 1:700 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 120s.



Western blot analysis of lysates from RAW 264.7 cells, using Caspase-11 Rabbit pAb (A6495) at 1:700 dilution. Raw 264. 7 cells were treated with LPS (1  $\mu$ g/ml) at 37°C for 8 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 120s.