

# Caspase-8 Rabbit pAb

Catalog No.: A11324 **8 Publications**

## Basic Information

### Observed MW

57 kDa

### Calculated MW

55 kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human, Mouse

## Background

This gene is part of a family of caspases, aspartate-specific cysteine proteases well studied for their involvement in immune and apoptosis signaling. This protein, an initiator of apoptotic cell death, is activated by death-inducing tumor necrosis family receptors and targets downstream effectors. In mouse deficiency of this gene can cause embryonic lethality. This protein may have a role in embryogenesis. Alternative splicing results in multiple transcript variants that encode different protein isoforms.

## Recommended Dilutions

**WB** 1:500 - 1:5000

**IF/ICC** 1:50 - 1:200

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

## Immunogen Information

### Gene ID

12370

### Swiss Prot

O89110

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

MACH; Mch5; FLICE; CASP-8; Caspase-8

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

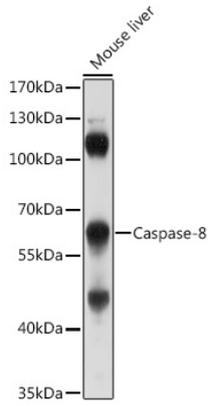
Affinity purification

### Storage

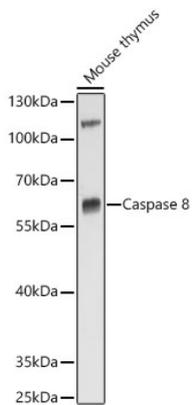
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

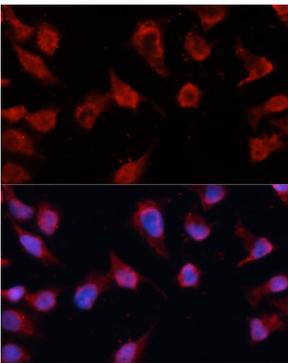
## Validation Data



Western blot analysis of lysates from Mouse liver, using Caspase-8 Rabbit pAb (A11324) at 1:1000 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: 10s.



Western blot analysis of lysates from Mouse thymus, using Caspase-8 Rabbit pAb (A11324) at 1:1000 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 Enhanced Kit (RM00021).  
Exposure time: 30s.



Immunofluorescence analysis of HeLa cells using Caspase-8 Rabbit pAb (A11324) at dilution of 1:100. Blue: DAPI for nuclear staining.