Caspase-8 Rabbit pAb

Catalog NO.: A11324 **8 Publications**

Basic Information

Observed MW
57 kDa

Calculated MW
55 kDa

Category
Polyclonal Antibodies

Applications
WB, IP, IF/ICC, ELISA

Cross-Reactivity
Human, Mouse

Conjugation
Unconjugated

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
IP	0.5 μg-4 μg antibody for 200 μg-400 μg
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

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

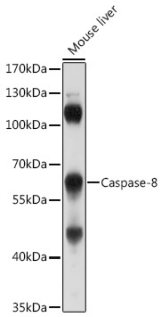
Source
Rabbit

Isotype
IgG

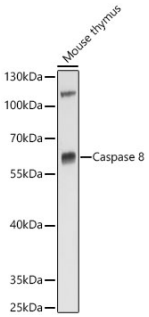
Purification
Affinity purification

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.

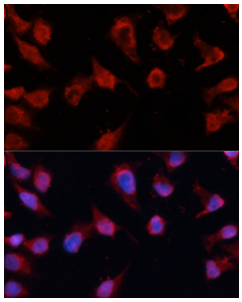
Validation Data



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.