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Caspase-2 Rabbit mAb

Catalog No.: A4888

Recombinant | 1 Publications

Basic Information

Observed MW
14kDa/48kDa

Calculated MW
51kDa

Category
Monoclonal Antibodies

Applications
WB, ELISA

Cross Reactivity
Human

Clone No.
ARC0317

Background

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Caspases mediate cellular apoptosis through the proteolytic cleavage of specific protein substrates. The encoded protein may function in stress-induced cell death pathways, cell cycle maintenance, and the suppression of tumorigenesis. Increased expression of this gene may play a role in neurodegenerative disorders including Alzheimer's disease, Huntington's disease and temporal lobe epilepsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Recommended Dilutions

WB	1:500 - 1:2000

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

Immunogen Information

Gene ID
835

Swiss-Prot
P42575

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

Synonyms
ICH1; NEDD2; CASP-2; NEDD-2; PPP1R57; Caspase-2

Contact

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Product Information

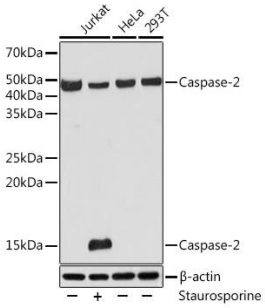
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at -20℃
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using Caspase-2 Rabbit mAb (A4888) at 1: 1000 dilution incubated overnight at 4℃. Jurkat cells were treated by Staurosporine (1uM) for 3 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

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