

Caspase-2 Rabbit pAb

Catalog No.: A5724 **1 Publications**

Basic Information

Observed MW

48kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

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

Immunogen Information

Gene ID

835

Swiss Prot

P42575

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 153-452 of human Caspase-2 (NP_116764.2).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

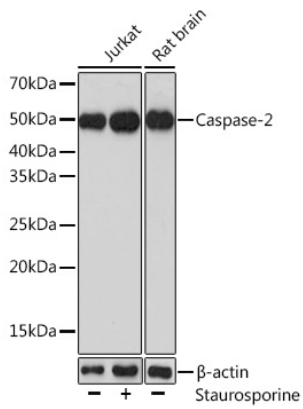
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using Caspase-2 Rabbit pAb (A5724) at 1:1000 dilution. Jurkat cells were treated by Staurosporine (1 μ M) at room temperature for 3 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3min.