Leader in Biomolecular Solutions for Life Science

# Caspase-2 Rabbit mAb

Catalog No.: A4888 Recombinant



### **Basic Information**

**Observed MW** 14kDa/48kDa

Calculated MW 51kDa

Category Primary antibody

Applications WB,ELISA

Cross-Reactivity Human

CloneNo number 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 Immu

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

6	400-999-6126
$\bowtie$	cn.market@abclonal.com.cn
€	www.abclonal.com.cn

# **Product Information**

**Source** Rabbit **lsotype** IgG **Purification** Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.



Western blot analysis of various lysates using Caspase-2 pAb (A4888) at 1:1000 dilution. 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.