

# Caspase-6 Rabbit mAb

Catalog No.: A24004 **Recombinant**

## Basic Information

### Observed MW

35kDa

### Calculated MW

33kDa

### Category

Primary antibody

### Applications

WB, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC3212

## Background

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family of enzymes. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms.

## Recommended Dilutions

**WB** 1:1000 - 1:4000

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

## Immunogen Information

### Gene ID

839

### Swiss Prot

P55212

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

MCH2; CSP-6; caspase-6; Caspase-6

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

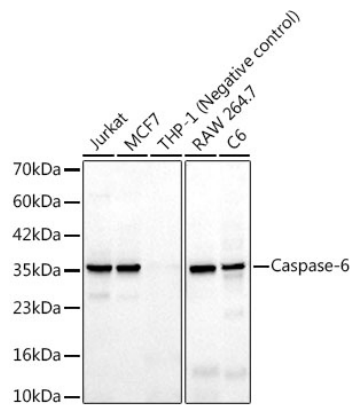
Affinity purification

### Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using Caspase-6 Rabbit mAb (A24004) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): THP-1. Exposure time: 20 s.