

A0716

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# Caspase-7 Rabbit pAb

Catalog No.: A0716

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

34kDa

### Category

Polyclonal Antibody

### Applications

IHC-P,IP,ELISA

### Cross-Reactivity

Human,Rat

## Background

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. 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 residues to produce two subunits, large and small, that dimerize to form the active enzyme. The precursor of the encoded protein is cleaved by caspase 3 and 10, is activated upon cell death stimuli and induces apoptosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

## Recommended Dilutions

IHC-P 1:50 - 1:100

IP 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

## Immunogen Information

### Gene ID

840

### Swiss Prot

P55210

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-303 of human Caspase-7 (NP\_001218.1).

### Synonyms

MCH3; CMH-1; LICE2; CASP-7; ICE-LAP3; Caspase-7

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

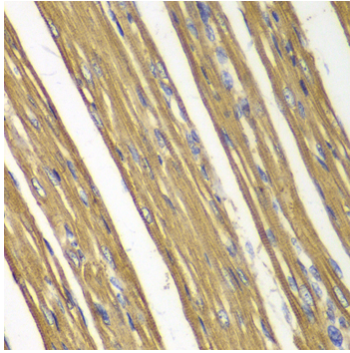
### Storage

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

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

## Validation Data

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Immunohistochemistry analysis of Caspase-7 in paraffin-embedded rat heart using Caspase-7 Rabbit pAb (A0716) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.