

**Caspase-7 Rabbit mAb [9Jj2]**

**Cat NO. :A12375**

**Information:**

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB IHC IP	Mouse Rat	P97864	34kDa	Rabbit	IgG	50ul,100ul,200ul

**Applications detail:**

Application	Dilution
WB	1:1000-2000
IHC	1:100
The optimal dilutions should be determined by the end user	

**Conjugate:**

UnConjugate

**Form:**

Liquid

**sensitivity:**

Endogenous

**Purification:**

Affinity-chromatography

**Specificity:**

Antibody is produced by immunizing animals with A synthesized peptide derived from human Caspase-7

**Storage buffer and conditions :**

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

**Tissue specificity:**

Highly expressed in heart, lung, liver and kidney. Low levels in spleen, skeletal muscle and testis. No expression in the brain.

**Subcellular location:**

Cytoplasm.

**Function:**

**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

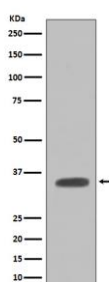
**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vir:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

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Involved in the activation cascade of caspases responsible for apoptosis execution (By similarity). Cleaves and activates sterol regulatory element binding proteins (SREBPs) (By similarity). Overexpression promotes programmed cell death (By similarity). Cleaves phospholipid scramblase proteins XKR4, XKR8 and XKR9 (PubMed:25231987). Acts as an inhibitor of type I interferon production during virus-induced apoptosis by mediating cleavage of antiviral proteins CGAS, IRF3 and MAVS, thereby preventing cytokine overproduction (PubMed:30878284)..

## Validation Data:

### Caspase-7 Rabbit mAb [9Jj2] Images



Western blot ( SDS PAGE ) analysis of extracts from NIH/3T3 cell lysate.Using Caspase-7 Rabbit mAb [9Jj2]at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

**IMPORTANT:** For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.