



[Go to Product page](#)

Datasheet for ABIN7442993

## anti-Caspase 12 antibody (AA 1-413)

### 10 Images

#### Overview

Quantity:	100 µL
Target:	Caspase 12 (CASP12)
Binding Specificity:	AA 1-413
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

#### Product Details

Purpose:	Polyclonal Antibody to Caspase 12 (CASP12)
Immunogen:	Recombinant Caspase 12 (CASP12) corresponding to Met1~Phe413 (Accession # O08736) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CASP12. It has been selected for its ability to recognize CASP12 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

#### Target Details

Target:	Caspase 12 (CASP12)
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## Target Details

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Alternative Name:	Caspase 12 ( <a href="#">CASP12 Products</a> )
Background:	CASP12P1, Cysteiny Aspartate Specific Proteinases 12, Apoptosis-Related Cysteine Peptidase
Pathways:	<a href="#">Apoptosis</a> , <a href="#">ER-Nucleus Signaling</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Unfolded Protein Response</a>

## Application Details

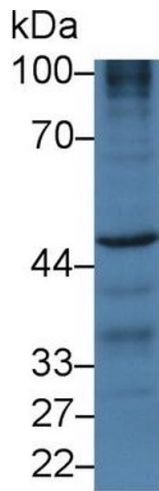
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Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

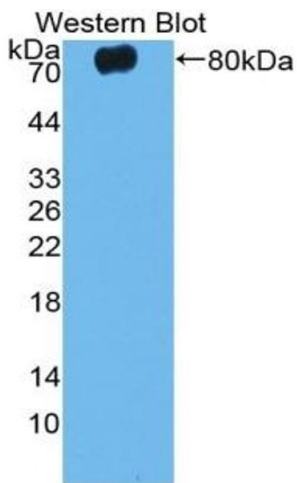
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Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



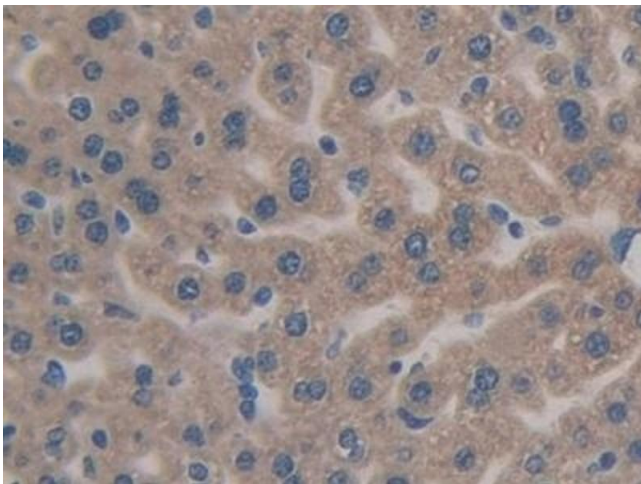
#### Western Blotting

**Image 1.** Detection of CASP12 in Mouse Lung lysate using Polyclonal Antibody to Caspase 12 (CASP12)



#### Western Blotting

**Image 2.** Detection of Recombinant CASP12, Mouse using Polyclonal Antibody to Caspase 12 (CASP12)



#### Immunohistochemistry

**Image 3.** Detection of CASP12 in Mouse Liver Tissue using Polyclonal Antibody to Caspase 12 (CASP12)

Please check the [product details page](#) for more images. Overall 10 images are available for ABIN7442993.