

Datasheet for ABIN7433831

**anti-Caspase 1 antibody (AA 120-297)**

7 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Caspase 1 (CASP1)
Binding Specificity:	AA 120-297
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Caspase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Caspase 1 (CASP1)
Immunogen:	Recombinant Caspase 1 (CASP1) corresponding to Asn120~Asp297
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CASP1. It has been selected for its ability to recognize CASP1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	Caspase 1 (CASP1)
Alternative Name:	Caspase 1 ( <a href="#">CASP1 Products</a> )
Background:	ICE, IL1BC, IL1-BC, P45, Interleukin 1 Beta Converting Enzyme, Apoptosis-Related Cysteine Peptidase, Interleukin-1 beta convertase
Pathways:	<a href="#">Apoptosis</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Inflammasome</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL 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

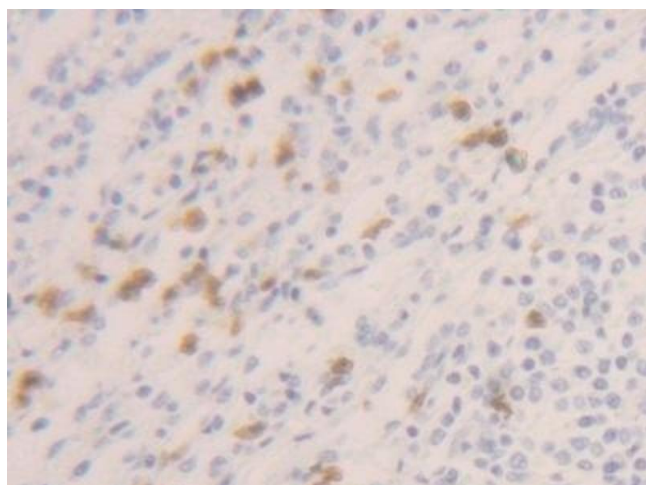
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



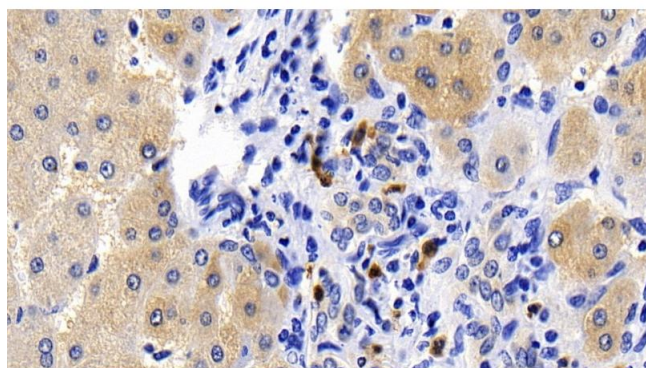
#### Western Blotting

**Image 1.** Detection of CASP1 in Rat Cerebrum lysate using Polyclonal Antibody to Caspase 1 (CASP1)



#### Immunohistochemistry

**Image 2.** Detection of CASP1 in Human Spleen Tissue using Polyclonal Antibody to Caspase 1 (CASP1)



#### Immunohistochemistry

**Image 3.** Detection of CASP1 in Human Liver Tissue using Polyclonal Antibody to Caspase 1 (CASP1)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7433831.