# antibodies -online.com





# anti-Caspase 1 antibody (AA 317-404)





# Overview

Quantity:	100 μL
Target:	Caspase 1 (CASP1)
Binding Specificity:	AA 317-404
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) corresdonding to Ala317~His404 with N-terminal His Tag
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:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

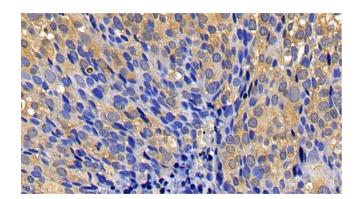
# **Target Details**

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Target:	Caspase 1 (CASP1)
Alternative Name:	Caspase 1 (CASP1 Products)
Background:	ICE, IL1BC, IL1-BC, P45, Interleukin 1 Beta Converting Enzyme, Apoptosis-Related Cysteine Peptidase, Interleukin-1 beta convertase
Pathways:	Apoptosis, Interferon-gamma Pathway, Positive Regulation of Endopeptidase Activity, Inflammasome
Application Details	
Application Notes:	Western blotting: 0.2-2 μg/mL Immunohistochemistry: 2-20 μg/mL Immunocytochemistry: 2-

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	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

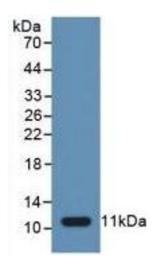
# Handling

Tranding	
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



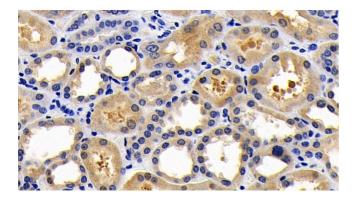
# **Immunohistochemistry**

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



#### **Western Blotting**

Image 2. Detection of Recombinant CASP1, Human using Polyclonal Antibody to Caspase 1 (CASP1)



# **Immunohistochemistry**

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

Please check the product details page for more images. Overall 7 images are available for ABIN7438055.