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## anti-CASP5 antibody (AA 145-327)





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#### Overview

Quantity:	100 μL
Target:	CASP5
Binding Specificity:	AA 145-327
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CASP5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

### **Product Details**

Purpose:	Polyclonal Antibody to Caspase 5 (CASP5)
Immunogen:	Recombinant Caspase 5 (CASP5) corresdonding to Pro145~Asp327 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CASP5. It has been selected for its ability to recognize CASP5 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Target Details	
Target:	CASP5

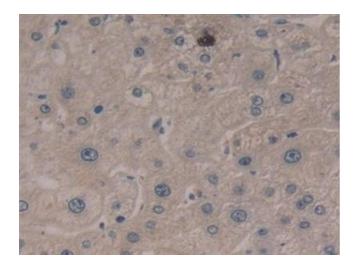
### **Target Details**

Target Details	
Alternative Name:	Caspase 5 (CASP5 Products)
Background:	ICE(rel)III, Cysteinyl Aspartate Specific Proteinases 5, Apoptosis-Related Cysteine Peptidase,
	Protease ICH-3, Protease TY
Pathways:	Inflammasome
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:	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.

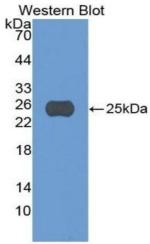
24 months

Expiry Date:



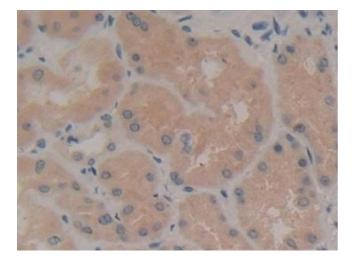
### **Immunohistochemistry**

**Image 1.** Detection of CASP5 in Human Liver Tissue using Polyclonal Antibody to Caspase 5 (CASP5)



### **Western Blotting**

Image 2. Detection of Recombinant CASP5, Human using Polyclonal Antibody to Caspase 5 (CASP5)



### **Immunohistochemistry**

**Image 3.** Detection of CASP5 in Human Kidney Tissue using Polyclonal Antibody to Caspase 5 (CASP5)

Please check the product details page for more images. Overall 4 images are available for ABIN7432568.