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# anti-LGMN antibody (AA 18-433)



**Images** 



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Quantity:	100 μL
Target:	LGMN
Binding Specificity:	AA 18-433
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGMN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### **Product Details**

Purpose:	Polyclonal Antibody to Legumain (LGMN)
Immunogen:	Recombinant Legumain (LGMN) corresdonding to Val18~Tyr433 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against LGMN. It has been selected for its ability to recognize LGMN in immunohistochemical staining and western blotting.
	ability to recognize Edwin in infinitionistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## **Target Details**

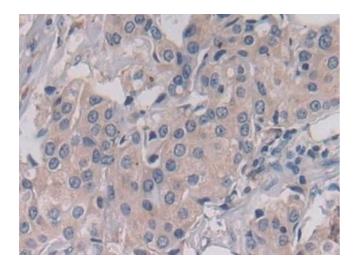
Target:	LGMN
Alternative Name:	Legumain (LGMN Products)
Background:	AEP, LGMN1, PRSC1, Protease, Cysteine 1, Asparaginyl endopeptidase
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Activation of Innate immune Response, Toll- Like Receptors Cascades

# Application Details

Application Notes:	Western blotting: 0.5-3 μg/mL Immunohistochemistry: 5-30 μg/mL Immunocytochemistry: 5-
	30 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

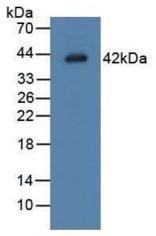
## Handling

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.
Expiry Date:	24 months



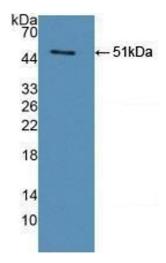
### **Immunohistochemistry**

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



#### **Western Blotting**

Image 2. Detection of LGMN in Rat Placenta Tissue using Polyclonal Antibody to Legumain (LGMN)



## **Western Blotting**

Image 3. Detection of Recombinant legumain, Human using Polyclonal Antibody to Legumain (LGMN)

Please check the product details page for more images. Overall 8 images are available for ABIN7435007.