

Datasheet for ABIN7440881
anti-LGMN antibody (AA 18-435)

7 Images

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Overview

Quantity:	100 µL
Target:	LGMN
Binding Specificity:	AA 18-435
Reactivity:	Mouse
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) corresponding to Val18~Tyr435 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.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

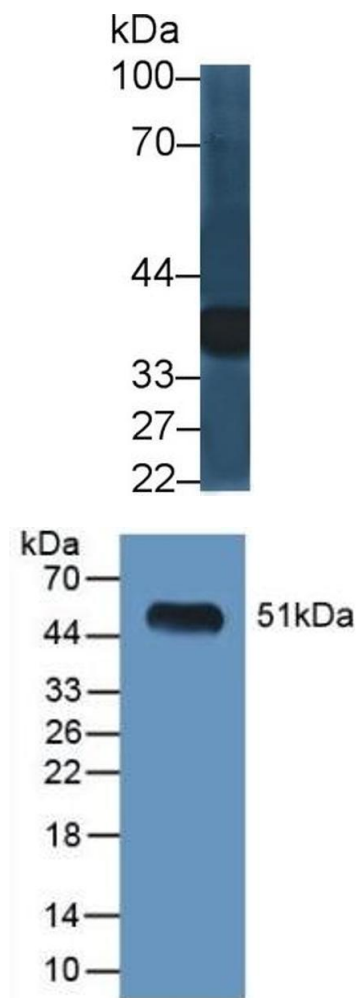
Target:	LGMN
Alternative Name:	Legumain (LGMN Products)
Background:	AEP, LGMN1, PRSC1, Protease,Cysteine 1, Asparaginyl endopeptidase
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 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

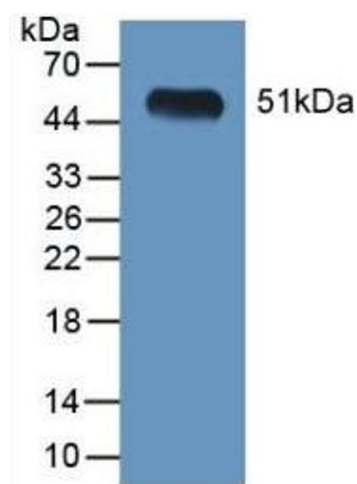
Handling

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



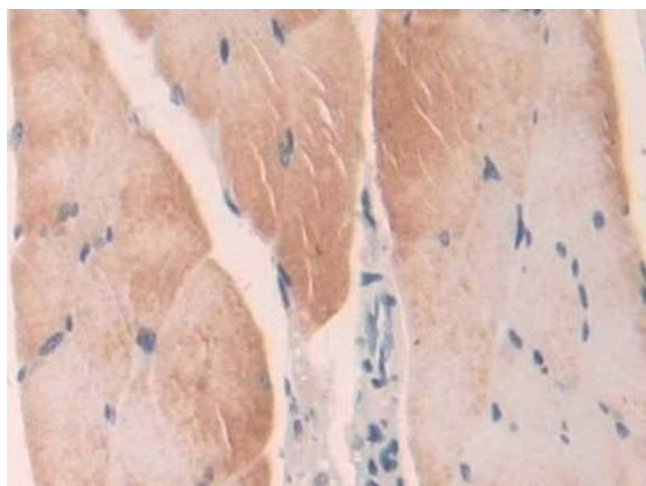
Western Blotting

Image 1. Detection of LGMN in Rat Kidney lysate using Polyclonal Antibody to Legumain (LGMN)



Western Blotting

Image 2. Detection of Recombinant LGMN, Mouse using Polyclonal Antibody to Legumain (LGMN)



Immunohistochemistry

Image 3. Detection of LGMN in Mouse Skeletal muscle Tissue using Polyclonal Antibody to Legumain (LGMN)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7440881.