

Datasheet for ABIN750958
anti-LGMN antibody (AA 201-300)

5 Images

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Overview

Quantity:	100 µL
Target:	LGMN
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGMN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Legumain
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	LGMN
Alternative Name:	Legumain (LGMN Products)

Target Details

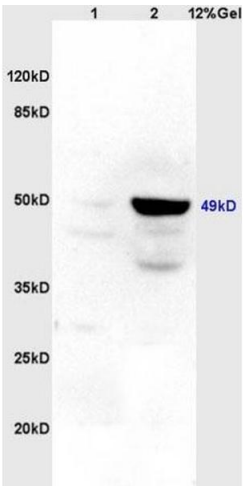
Background:	<p>Synonyms: AEP, LGMN1, PRSC1, Legumain, Asparaginyl endopeptidase, Protease, cysteine 1, LGMN</p> <p>Background: Has a strict specificity for hydrolysis of asparaginyl bonds. Can also cleave aspartyl bonds slowly, especially under acidic conditions. Required for normal lysosomal protein degradation in renal proximal tubules. Required for normal degradation of internalized EGFR. Plays a role in the regulation of cell proliferation via its role in EGFR degradation (By similarity). May be involved in the processing of proteins for MHC class II antigen presentation in the lysosomal/endosomal system.</p>
Gene ID:	5641
UniProt:	Q99538
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>FCM 1:20-100</p> <p>IHC-P 1:200-400</p>
Restrictions:	For Research Use only

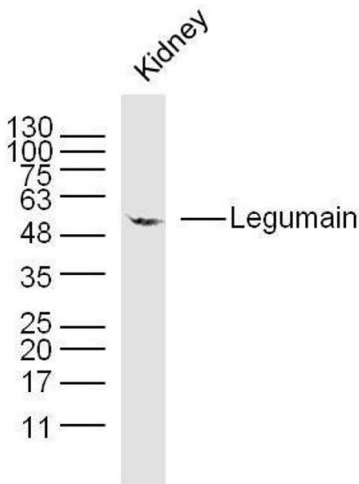
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



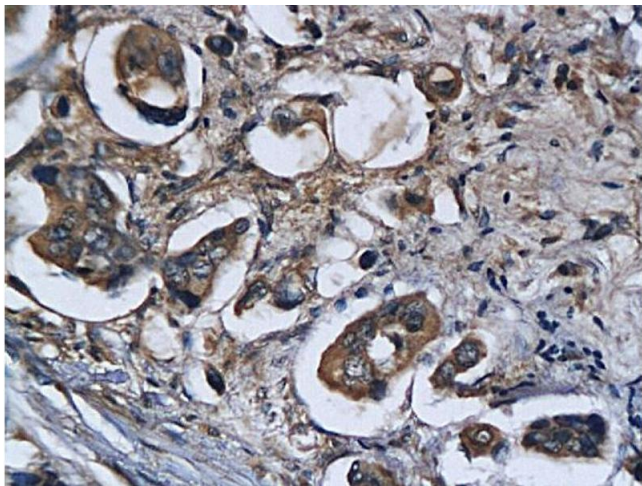
SDS-PAGE

Image 1. Lane 1: rat brain lysates Lane 2: rat heart lysates probed with Anti Legumain Polyclonal Antibody, Unconjugated (ABIN750958) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 49kD. Observed band size: 49kD.



Western Blotting

Image 2. Moues kidney lysates probed with Legumain Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody at 1:10000 for 90 minutes at 37°C.



Immunohistochemistry

Image 3. Formalin-fixed and paraffin embedded human colorectal cancer labeled with Anti Legumain Polyclonal Antibody, Unconjugated (ABIN750958) followed by conjugation to the secondary antibody and DAB staining

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN750958.