

Datasheet for ABIN7607042

Recombinant anti-LGMN antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	LGMN
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This LGMN antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Legumain Rabbit mAb
Immunogen:	A synthesized peptide derived from human Legumain
Isotype:	IgG
Specificity:	Legumain Antibody detects endogenous levels of total Legumain
Purification:	Affinity-chromatography
Grade:	KD Validated

Target Details

Target:	LGMN
Alternative Name:	Legumain (LGMN Products)

Target Details

Background:	AEP, cysteine 1, Legumain, LGMN, LGMN1, PRSC1,
Molecular Weight:	36,57kDa
UniProt:	Q99538
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Activation of Innate immune Response , Toll-Like Receptors Cascades

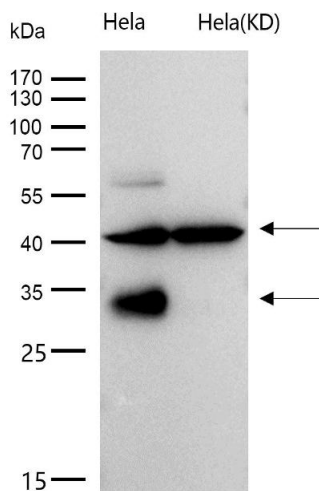
Application Details

Application Notes:	WB 1:500~1:2000
Restrictions:	For Research Use only

Handling

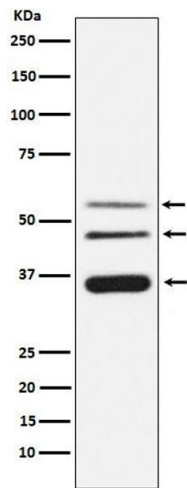
Buffer:	phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Images



Western Blotting

Image 1. All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature. Has a strict specificity for hydrolysis of asparaginyl bonds. Can also cleave aspartyl bonds slowly, especially under acidic conditions. May be involved in the processing of proteins for MHC class II antigen presentation in the lysosomal/endosomal system.



Western Blotting

Image 2. Western blot analysis of Legumain expression in HeLa cell lysate.