



[Go to Product page](#)

Datasheet for ABIN750960  
**anti-LGMN antibody (AA 201-300) (Biotin)**

### Overview

Quantity:	100 µL
Target:	LGMN
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGMN antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, 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 ( <a href="#">LGMN Products</a> )
Background:	Synonyms: AEP, LGMN1, PRSC1, Legumain, Asparaginyl endopeptidase, Protease, cysteine 1,

## Target Details

---

LGMN

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.

---

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: WB 1:300-5000  
IHC-P 1:200-400

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Concentration: 1 µg/µL

---

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

---

Storage Comment: Store at -20°C for 12 months.

---

Expiry Date: 12 months