

Rabbit anti-Human LGMN Polyclonal Antibody | anti-LGMN antibody

LGMN Antibody

CATALOG # AAA234579	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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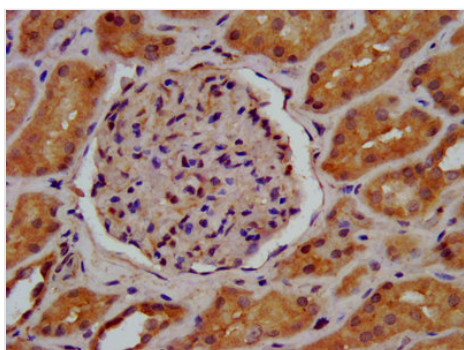
PRODUCT SYNONYMS

LGMN; Polyclonal Antibody; LGMN Antibody; Legumain; Asparaginyl endopeptidase; Protease; cysteine 1; PRSC1; anti-LGMN antibody

PRODUCT SPECIFICATIONS

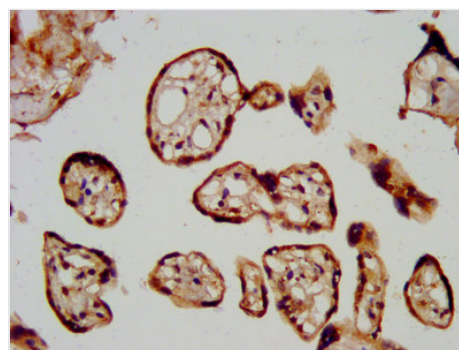
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	433
Applicable Applications for anti-LGMN antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Legumain protein (199-312AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234579 diluted at 1:600 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234579 diluted at 1:600 and staining in paraffin-embedded human placenta tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-LGMN antibody	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.
Product Categories/Family for anti-LGMN antibody	Cancer; Cell biology; Immunology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	56682964
NCBI GeneID	5641
NCBI Accession #	NP_001008530.1
NCBI GenBank Nucleotide #	NM_001008530.2
UniProt Accession #	Q99538; O00123; Q86TV2; Q86TV3; Q9BTY1
Molecular Weight	42,008 Da
NCBI Official Full Name	legumain preproprotein
NCBI Official Synonym Full Names	legumain
NCBI Official Symbol	LGMN
NCBI Official Synonym Symbols	AEP; LGMN1; PRSC1
NCBI Protein Information	legumain
UniProt Protein Name	Legumain
UniProt Gene Name	LGMN
UniProt Synonym Gene Names	PRSC1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lgm-antibody-immunohistochemistry-elisa/234579>