

Rabbit anti-Mouse Legumain Polyclonal Antibody | anti-LGMN antibody

Anti-Legumain Antibody, Rabbit Polyclonal

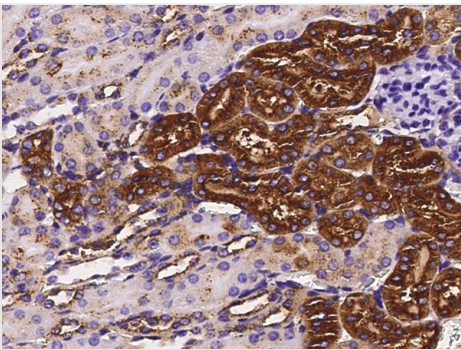
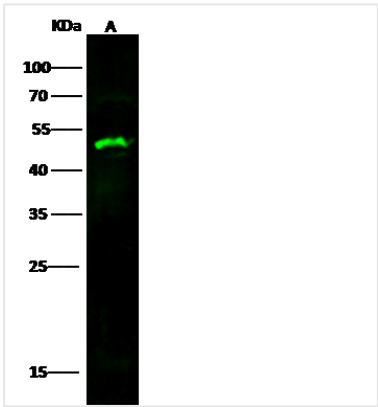
CATALOG # AAA257070	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

Legumain; Polyclonal Antibody; Anti-Legumain Antibody; Rabbit Polyclonal; Legumain/LGMN Antibody; Rabbit PAb; Antigen Affinity Purified; legumain; Anti-AEP Antibody; Anti-A1746452 Antibody; Anti-AU022324 Antibody; Anti-Prsc1 Antibody; anti-LGMN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse Legumain/LGMN
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-LGMN antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Mouse Legumain/LGMN Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Mouse Legumain / LGMN (rM Legumain / LGMN; (Catalog# please inquire); NP_035305.1; Val18-Tyr435). Legumain / LGMN specific IgG was purified by Mouse Legumain / LGMN affinity chromatography
Preparation and Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles



IHC (Immunohistochemistry)
Immunochemical staining of mouse LGMN in mouse kidney with rabbit polyclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

WB (Western Blot)
Anti-LGMN rabbit polyclonal antibody at 1:500 dilutionLane A: HT-29 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:49 kDaObserved band size:49 kDa

ADDITIONAL INFORMATION

References	Schwarz G, et al. (2002) Characterization of legumain. Biol Chem. 383(11): 1813-6.Liu C, et al. (2003) Overexpression of legumain in tumors is significant for invasion/metastasis and a candidate enzymatic target for prodrug therapy. Cancer Res. 63(11): 2957-64.Murthy RV, et al. (2005) Legumain expression in relation to clinicopathologic and biological variables in colorectal cancer. Clin Cancer Res. 11(6): 2293-9.Gawenda J, et al. (2007) Legumain expression as a prognostic factor in breast cancer patients. Breast Cancer Res Treat. 102(1): 1-6.Clerin V, et al. (2007) Expression of the cysteine protease legumain in vascular lesions and functional implications in atherogenesis. Atherosclerosis. 201(1): 53-66.Lew?n S, et al. (2008) A Legumain-based minigene vaccine targets the tumor stroma and suppresses breast cancer growth and angiogenesis. Cancer Immunol Immunother. 57(4): 507-15.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7242187
NCBI GeneID	19141
NCBI Accession #	NP_035305.1
NCBI GenBank Nucleotide #	NM_011175.2
UniProt Accession #	O89017
NCBI Official Full Name	legumain
NCBI Official Synonym Full Names	legumain
NCBI Official Symbol	Lgmn
NCBI Official Synonym Symbols	AEP; Prsc1; AI746452; AU022324
NCBI Protein Information	legumain
UniProt Protein Name	Legumain
UniProt Gene Name	Lgmn
UniProt Synonym Gene Names	Prsc1
UniProt Entry Name	LGMN_MOUSE

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/legumain-antibody-immunohistochemistry-western-blot-elisa/257070>