Anti-LGMN antibody (26-288) (STJ112585)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

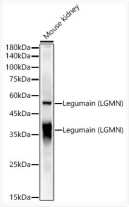
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 49kDa Observed Mw: 36kDa/55kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

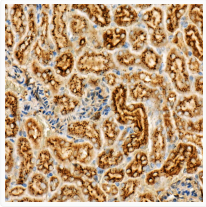
Gene ID	5641
Gene Symbol	LGMN
UniProt ID	LGMN_HUMAN
Immunogen Region	26-288
Immunogen Sequence	GGKHWVVIVAGSNGWYNYRH QADACHAYQIIHRNGIPDEQ IVVMMYDDIAYSEDNPTPGI VINRPNGTDVYQGVPKDYTG EDVTPQNFLAVLRGDAEAVK GIGSGKVLKSGPQDHVFIYF TDHGSTGILVFPNEDLHVKD LNETIHYMYKHKMYRKMVFY IEACESGSMMNHLPDNINVY ATTAANPRESSYACYYDEKR STYLGDWYSVNWMEDSDVED LTKETLHKQYHLVKSHTNT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 26-288 of human Legumain (LGMN) (NP_005597.3?).

ADDITIONAL INFORMATION

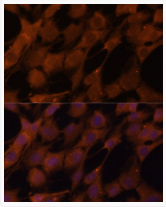
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



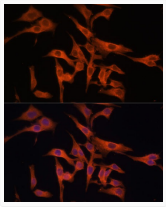
Western blot analysis of mouse kidney, using Legumain (LGMN) antibody (STJ112585) at 1:600 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



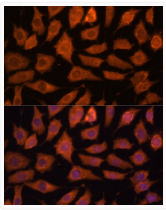
Immunohistochemistry analysis of paraffin-embedded mouse kidney using Legumain (LGMN) rabbit polyclonal antibody (STJ112585) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of C6 cells using Legumain (Legumain (LGMN)) Polyclonal Antibody (STJ112585) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using Legumain (Legumain (LGMN)) Polyclonal Antibody (STJ112585) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of L929 cells using Legumain (Legumain (LGMN)) Polyclonal Antibody (STJ112585) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.