

## Legumain Rabbit mAb

Catalog No: #52395

Package Size: #52395-1 50ul #52395-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

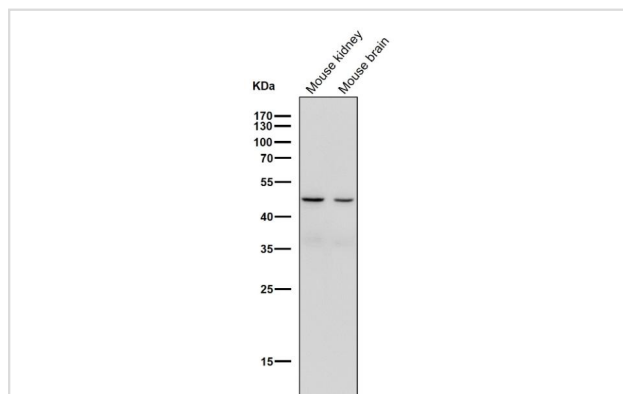
## Description

|                       |   |
|-----------------------|---|
| Product Name          | Legumain Rabbit mAb   |
| Clone No.             | S06-7G1   |
| Isotype               | Rabbit IgG  |
| Purification          | Affinity-chromatography   |
| Applications          | WB  |
| Species Reactivity    | Human,Mouse,Rat   |
| Immunogen Description | A synthesized peptide derived from human Legumain   |
| Conjugates            | Unconjugated  |
| Modification          | Unmodification  |
| Other Names           | AEP; LGMN1; PRSC1   |
| Accession No.         | Swiss-Prot:Q99538GeneID:5641  |
| Uniprot               | Q99538  |
| GeneID                | 5641  |
| Calculated MW         | Calculated MW: 49 kDa; Observed MW: 57,49,36 kDa  |
| Concentration         | 0.3 mg/ml   |
| Formulation           | Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| Storage               | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.                                      |

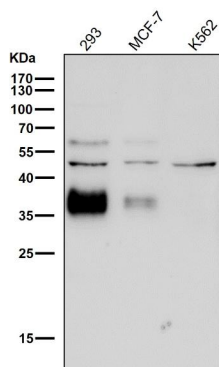
## Application Details

WB 1:1000-1:2000

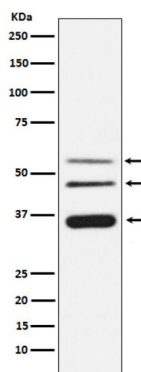
## Images



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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Western blot analysis of Legumain expression in HeLa cell lysate.

## Background

Swiss-Prot Acc.Q99538.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 . May be involved in the processing of proteins for MHC class II antigen presentation in the lysosomal/endosomal system.

Note: This product is for in vitro research use only