

# Product Datasheet

## Legumain/Asparaginyl Endopeptidase Antibody H00005641-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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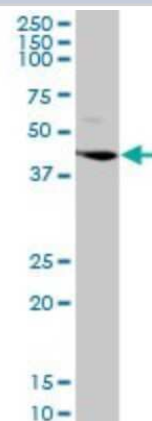


**H00005641-D01P****Legumain/Asparaginyl Endopeptidase Antibody**

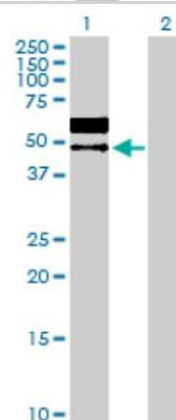
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Product Description</b>	
<b>Description</b>	Quality control test: Antibody reactive against mammalian transfected lysate.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5641
<b>Gene Symbol</b>	LGMN
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	LGMN - legumain,
<b>Immunogen</b>	LGMN (NP_001008530.1, 1 a.a. - 433 a.a.) full-length human protein. MVWKVAVFLSVALGIGAVPIDDPEDGGKHVVIVAGSNGWYNYRHQADACHA YQIIHRNGIPDEQIVVMYDDIAYSEDNPTPGIVINRPNGTDVYQGVPKDYTGED VTPQNFLAVLRGDAEAVKIGSGKVLKSGPQDHFVFIYFTDHDGSGTILVFPNEDL HVKDLNETIHMYKHKMYRKMVFYIEACESGSMNHLPDNINVYATTAANPRE SSYACYDEKRSTYLGDWYSVNW MEDSDVEDLTKETLHKQYHLVKSHNTNTSH VMQYGNKTISTMKVMQFQGMKRKASSPVPLPPVTHLDLTPSPDVPLTIMKRKL MNTNDLEESRQLTEEIQRHLDARHLIEKSVRKIVSLLAASEAEVEQLLSERAPLT GHSCYPEALLHFRTHCFNWHSPTYEYALRHLYVLVNLCEKPYPLHRIKLSMDH VCLGHY
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot
<b>Application Notes</b>	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB and also on transfected lysate in WB. GST tag alone is used as a negative control.

## Images

Western Blot: Legumain/Asparaginyl Endopeptidase Antibody [H00005641-D01P] - Analysis of LGMN expression in HeLa.



Western Blot: Legumain/Asparaginyl Endopeptidase Antibody [H00005641-D01P] - Analysis of LGMN expression in transfected 293T cell line by LGMN polyclonal antibody. Lane 1: LGMN transfected lysate (49.40 KDa). Lane 2: Non-transfected lysate.



## Publications

Garcia-Cattaneo A, Gobert FX, Muller M et al. Cleavage of Toll-like receptor 3 by cathepsins B and H is essential for signaling. *Proc Natl Acad Sci U S A*. 2012-05-18 [PMID: 22611194]



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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