

# Product Datasheet

## LASS1 Antibody NBP1-28480

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP1-28480**

## LASS1 Antibody

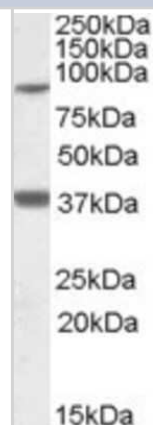
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Target Molecular Weight	40 kDa

Product Description	
Description	Novus Biologicals Goat LASS1 Antibody (NBP1-28480) is a polyclonal antibody validated for use in WB and ELISA. Anti-LASS1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	10715
Gene Symbol	CERS1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_067090.1 and NP_937850.1).
Immunogen	Peptide with sequence C-KDLREYDTAEAQ corresponding to internal region according to NP_937850.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/mL, Peptide ELISA Detection limit 1:64000
Application Notes	WB: Approx. 37 kDa band observed in human brain (cerebellum, cerebral cortex and frontal cortex) lysates (calculated MW of 38.0 kDa band according to NP_937850.1). An additional band of unknown identity was also consistently observed at 85 kDa. This band was successfully blocked by incubation with the immunizing peptide.

**Images**

Western Blot: LASS1 Antibody [NBP1-28480] - Staining of Frontal Cortex lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.



## Publications

Kim JE, Kwon EY, Han Y Allulose Attenuated Age-Associated Sarcopenia via Regulating IGF-1 and Myostatin in Aged Mice Molecular nutrition & food research 2021-10-28 [PMID: 34710274] (WB, Mouse)

Venkataraman K, Riebeling C, Bodennec J et al. Upstream of growth and differentiation factor 1 (uog1), a mammalian homolog of the yeast longevity assurance gene 1 (LAG1), regulates N-stearoyl-sphinganine (C18-(dihydro)ceramide) synthesis in a fumonisin B1-independent manner in mammalian cells. J Biol Chem 2002-09-20 [PMID: 12105227]





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### Products Related to NBP1-28480

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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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