Product Datasheet

LASS6 Antibody - Azide and BSA Free
H00253782-A01

Unit Size: 0.05 ml

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

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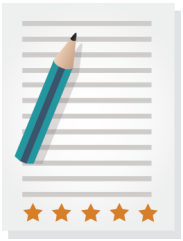
Reviews: 1 Publications: 13

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00253782-A01

Updated 9/9/2025 v.20.1



H00253782-A01

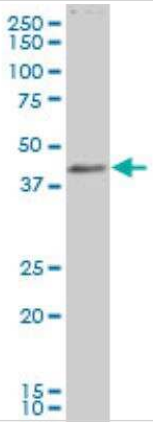
LASS6 Antibody - Azide and BSA Free

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Unpurified
Buffer	50% Glycerol

Product Description	
Description	Novus Biologicals Mouse LASS6 Antibody - Azide and BSA Free (H00253782-A01) is a polyclonal antibody validated for use in WB and ELISA. Anti-LASS6 Antibody: Cited in 13 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	253782
Gene Symbol	CERS6
Species	Human, Mouse
Specificity/Sensitivity	LASS6 - LAG1 longevity assurance homolog 6 (S. cerevisiae)
Immunogen	LASS6 (NP_982288, 62 a.a. - 131 a.a.) partial recombinant protein with GST tag. PCAIALNIQANGPQIAPPNAILEKVFTAITKHPDEKRLEGLSKQLDWDVRSIQRW FRQRRNQEKPSTLTR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000
Application Notes	Antibody reactive against cell lysate and recombinant protein for western blot. It has also been used for ELISA.

Images

Western Blot: LASS6 Antibody [H00253782-A01] - Detection against Immunogen (33.81 KDa) .	
Western Blot: LASS6 Antibody [H00253782-A01] - LASS6 polyclonal antibody (A01) Western Blot analysis of LASS6 expression in IMR-32.	

Publications

Pauline M, Julia Z, Mark H et al. High levels of modified ceramides are a defining feature of murine and human cancer cachexia. J Cachexia Sarcopenia Muscle. 2020-10-08 [PMID: 33090732]

White-Gilbertson S, Mullen T, Senkal C et al. Ceramide synthase 6 modulates TRAIL sensitivity and nuclear translocation of active caspase-3 in colon cancer cells. Oncogene. 2009-02-26 [PMID: 19137010]

Senkal CE, Ponnusamy S, Manevich Y et al. Alteration of Ceramide Synthase 6/C16-Ceramide Induces Activating Transcription Factor 6-mediated Endoplasmic Reticulum (ER) Stress and Apoptosis via Perturbation of Cellular Ca2+ and ER/Golgi Membrane Network. J Biol Chem. 2011-10-19 [PMID: 22013072]

Separovic D, Breen P, Joseph N et al. Ceramide synthase 6 knockdown suppresses apoptosis after photodynamic therapy in human head and neck squamous carcinoma cells. Anticancer Res 2012-03-01 [PMID: 22399588]

Cheng JC, Bai A, Beckham TH et al. Radiation-induced acid ceramidase confers prostate cancer resistance and tumor relapse. J Clin Invest. 2013-09-16 [PMID: 24091326]

Schull S, Gunther SD, Brodesser S et al. Cytochrome c oxidase deficiency accelerates mitochondrial apoptosis by activating ceramide synthase 6. Cell Death Dis. 2015-03-12 [PMID: 25766330]

Novgorodov SA, Riley CL, Keffler JA et al. SIRT3 Deacetylates Ceramide Synthases: Implications for Mitochondrial Dysfunction and Brain Injury. J. Biol. Chem. 2015-11-30 [PMID: 26620563] (WB, Mouse)

Hoeferlin LA, Fekry B, Ogretmen B et al. Folate Stress Induces Apoptosis via p53-Dependent de novo Ceramide Synthesis and Up-Regulation of Ceramide Synthase 6 J Biol Chem 2013-03-21 [PMID: 23519469] (WB, Human)

Separovic D, Breen P, Joseph N et al. siRNA-Mediated Down-regulation of Ceramide Synthase 1 Leads to Apoptotic Resistance in Human Head and Neck Squamous Carcinoma Cells after Photodynamic Therapy. Anticancer Res 2012-07-01 [PMID: 22753704]

Senkal CE, Ponnusamy S, Rossi MJ et al. Role of human longevity assurance gene 1 and C18-ceramide in chemotherapy-induced cell death in human head and neck squamous cell carcinomas. Mol Cancer Ther 2007-02-01 [PMID: 17308067]

Senkal CE, Ponnusamy S, Bielawski J et al. Antiapoptotic roles of ceramide-synthase-6-generated C16-ceramide via selective regulation of the ATF6/CHOP arm of ER-stress-response pathways. FASEB J 2009-09-01 [PMID: 19723703]

Siskind LJ, Mullen TD, Romero Rosales K et al. The BCL-2 protein BAK is required for long-chain ceramide generation during apoptosis. J Biol Chem 285(16):11818-26. 2010-04-16 [PMID: 20172858]

More publications at http://www.novusbio.com/H00253782-A01

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Products Related to H00253782-A01

NB820-59661	Mouse Kidney Whole Tissue Lysate (Adult Whole Normal)
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97019-5mg	Mouse IgG Isotype Control

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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