

Product Datasheet

LLGL2 Antibody (4G2) - Azide and BSA Free H00003993-M06

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 8

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00003993-M06

Updated 2/21/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00003993-M06



H00003993-M06

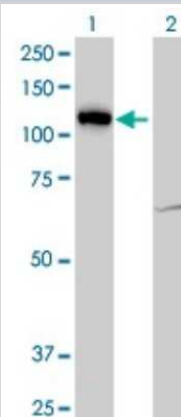
LLGL2 Antibody (4G2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G2
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3993
Gene Symbol	LLGL2
Species	Human, Canine, Drosophila
Specificity/Sensitivity	Human LLGL2 (4G2)
Immunogen	LLGL2 (NP_004515, 101 a.a. ~ 199 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SLKVKGGASELQEDESFTLRGPPGAAPSATQITVVLP HSSCELLYLGTESGNVF VVQLPAFRALEDRTISSDAVLQRLPEEARHRRVFEMVEALQEHPR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1ug/ml, Sandwich ELISA
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for IHC-P and ELISA.

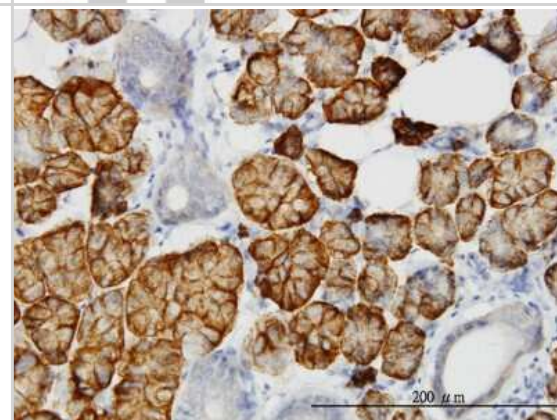


Images

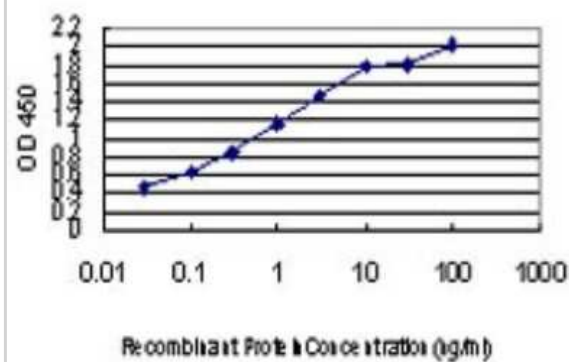
Western Blot: LLGL2 Antibody (4G2) [H00003993-M06] - Analysis of LLGL2 expression in transfected 293T cell line by LLGL2 monoclonal antibody (M06), clone 4G2. Lane 1: LLGL2 transfected lysate (113 KDa). Lane 2: Non-transfected lysate.



Immunohistochemistry-Paraffin: LLGL2 Antibody (4G2) [H00003993-M06] - Analysis of monoclonal antibody to LLGL2 on formalin-fixed paraffin-embedded human salivary gland. Antibody concentration 1 ug/ml



Sandwich ELISA: LLGL2 Antibody (4G2) [H00003993-M06] - Detection limit for recombinant GST tagged LLGL2 is approximately 0.03ng/ml as a capture antibody.



Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Tamori Y, Bialucha CU, Tian AG et al. Involvement of Lgl and Mahjong/VprBP in cell competition. PLoS Biol. 2010-07-13 [PMID: 20644714]

Norman M, Wisniewska KA, Lawrenson K et al. Loss of Scribble causes cell competition in mammalian cells. J Cell Sci. 2012-01-16 [PMID: 22250205]

Patil DT, Bennett AE, Mahajan D, Bronner MP. Distinguishing Barrett gastric foveolar dysplasia from reactive cardiac mucosa in gastroesophageal reflux disease. Hum Pathol. 2013-01-17 [PMID: 23332925]

Dong W, Zhang X, Liu W et al. A conserved polybasic domain mediates plasma membrane targeting of Lgl and its regulation by hypoxia. J Cell Biol. 2015-10-26 [PMID: 26483556]

Russ A, Louderbough JM, Zarnescu D, Schroeder JA. Hgl1 and Hgl2 in mammary epithelial cells: polarity, proliferation, and differentiation. PLoS One. 2012-01-01 [PMID: 23110097] (Human)

Lisovsky M, Dresser K, Baker S et al. Cell polarity protein Lgl2 is lost or aberrantly localized in gastric dysplasia and adenocarcinoma: an immunohistochemical study. Mod Pathol 2009-07-01 [PMID: 19407852] (IHC-P, Human)

Cong W, Hirose T, Harita Y et al. ASPP2 Regulates Epithelial Cell Polarity through the PAR Complex. Curr Biol. 2010-07-07 [PMID: 20619648]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to H00003993-M06

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-81753PEP	LLGL2 Recombinant Protein Antigen

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00003993-M06

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

