

Product Datasheet

GM130/GOLGA2 Antibody - Azide and BSA Free H0002801-B01P

Unit Size: 0.05 mg

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

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H00002801-B01P

GM130/GOLGA2 Antibody - Azide and BSA Free

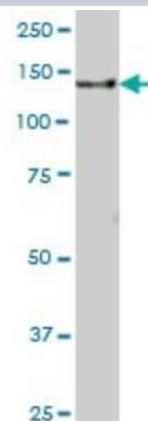
Product Information	
Unit Size	0.05 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	2801
Gene Symbol	GOLGA2
Species	Human
Marker	Golgi Apparatus Marker
Specificity/Sensitivity	GOLGA2 - golgi autoantigen, golgin subfamily a, 2,
Immunogen	GOLGA2 (AAH06381.1, 1 a.a. - 345 a.a.) full-length human protein. MQNDRTTISRALSQNRELKEQLAELQSGFVKLTNENMEITSALQSEQHVKREL GKKLGELQEKLSELKETVELKSQEAQSLQQQRDQYLGHLQQYVAAYQQLTSE KEVLHNQLLLQTLVDQLQQQEAQGKAVAEMARQELQETQERLEAATQQNQ QLRAQLSLMAHPGEGDGLDREEEDEEEEEEA VAVPQPMPSIPEDLESREAM VAFFNSAVASAEQARLRGQLKEQSVRCRRLAHLASAQKEPEAAAPAGT GGDSVCGETHRALQGAMEKLQSRFMEKADLKERPGRVLPVTTPLHSRS CSCFVRCRTPGSAQAWAATPAFLFFTGLTRMMR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	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. May also be used for IF, IHC-P.

Images

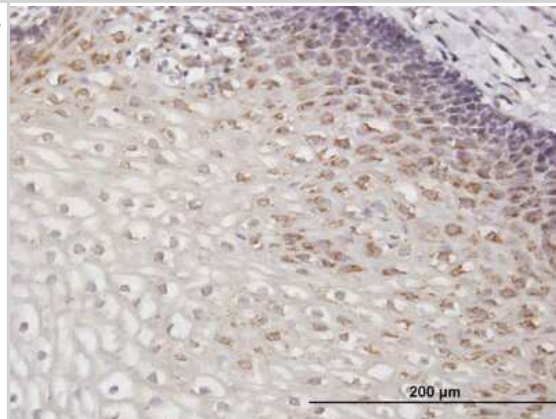
Western Blot: GM130/GOLGA2 Antibody [H00002801-B01P] - Analysis of GOLGA2 expression in human stomach.



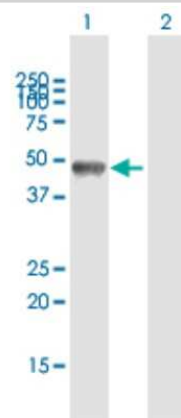
Immunocytochemistry/Immunofluorescence: GM130/GOLGA2 Antibody [H00002801-B01P] - Rab1A (blue) is localised primarily on the cis-Golgi, labelled by the GM130 marker (red). Image collected and cropped by CiteAb from the following publication ([nature.com/articles/onc2015363](https://www.nature.com/articles/onc2015363)), licensed under a CC-BY license.



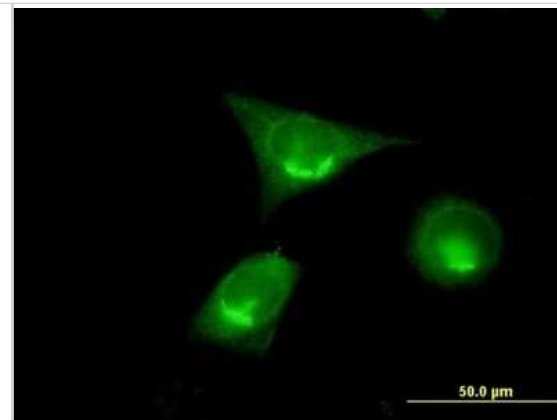
Immunohistochemistry-Paraffin: GM130/GOLGA2 Antibody [H00002801-B01P] - Analysis of purified antibody to GOLGA2 on formalin-fixed paraffin-embedded human esophagus. (antibody concentration 3 ug/ml)



Western Blot: GM130/GOLGA2 Antibody [H00002801-B01P] - Analysis of GOLGA2 expression in transfected 293T cell line by GOLGA2 polyclonal antibody. Lane 1: GOLGA2 transfected lysate(37.95 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: GM130/GOLGA2 Antibody [H00002801-B01P] - Analysis of purified antibody to GOLGA2 on HeLa cell. (antibody concentration 10 ug/ml)



Publications

Goberdhan D, Fan SJ, Kroeger B, et al. Glutamine deprivation regulates the origin and function of cancer cell exosomes bioRxiv 2019-12-02 (WB, Human)

Fan SJ, Snell C, Turley H et al. PAT4 levels control amino-acid sensitivity of rapamycin-resistant mTORC1 from the Golgi and affect clinical outcome in colorectal cancer. *Oncogene* 2016-06-09 [PMID: 26434594] (WB)

Magnusson K, Appelqvist H, Cieslar-Pobuda A et al. Differential vital staining of normal fibroblasts and melanoma cells by an anionic conjugated polyelectrolyte *Cytometry A*. 2015-01-20 [PMID: 25605326] (ICC/IF, Human)

Wuensch T, Schulz S, Ullrich S et al. The peptide transporter PEPT1 is expressed in distal colon in rodents and Humans and contributes to water absorption. *Am J Physiol Gastrointest Liver Physiol* 2013-07-01 [PMID: 23660505] (ICC/IF, Human)



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Products Related to H0002801-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
H0002801-P01-2ug	Recombinant Human GM130/GOLGA2 GST (N-Term) Protein

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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