

Product Datasheet

GRASP55 Antibody - BSA Free

NBP1-89747

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

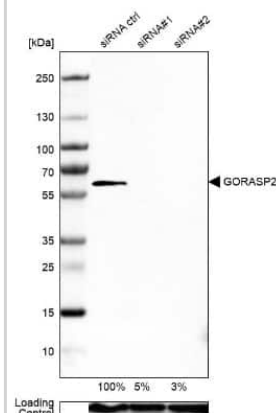
Host	Rabbit
Gene ID	26003
Gene Symbol	GORASP2
Species	Human, Mouse
Reactivity Notes	Rat (88%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PTRPFEEGKKISLPGQMAGTPITPLKDGFTVQLSSVNPPSLSPPGTTGIEQSLT GLSISSTPPAVSSVLSTGV

Product Application Details

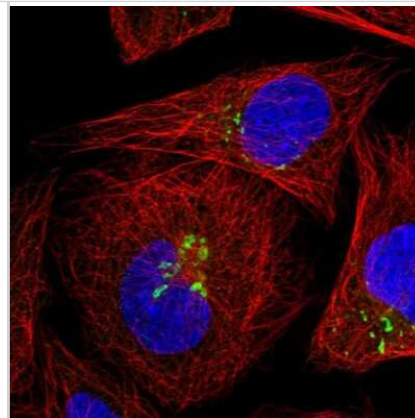
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

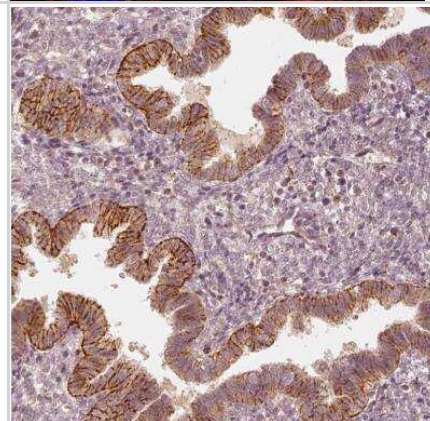
Western Blot: GRASP55 Antibody [NBP1-89747] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-GORASP2 antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



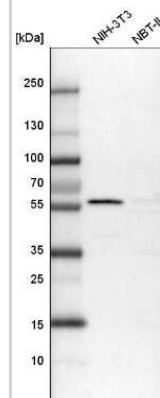
Immunocytochemistry/Immunofluorescence: GRASP55 Antibody [NBP1-89747] - Staining of human cell line U-2 OS shows localization to the Golgi apparatus. Antibody staining is shown in green.



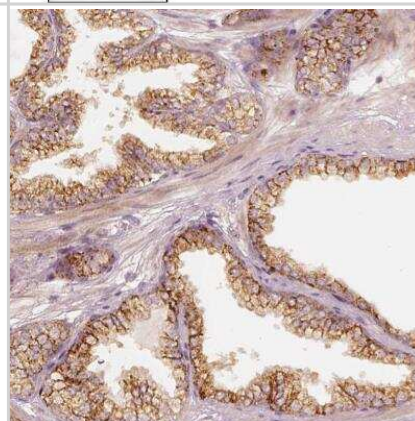
Immunohistochemistry-Paraffin: GRASP55 Antibody [NBP1-89747] - Staining of human endometrium shows strong cytoplasmic positivity in glandular cells.



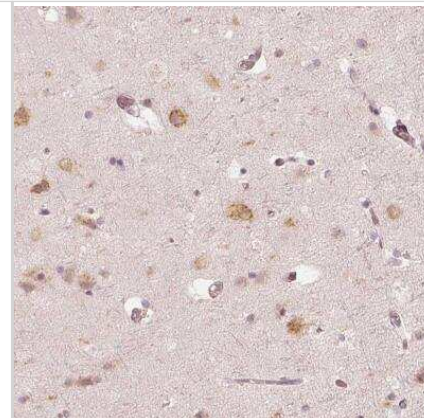
Western Blot: GRASP55 Antibody [NBP1-89747] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



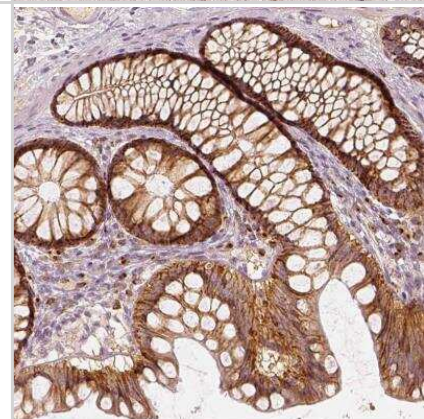
Immunohistochemistry-Paraffin: GRASP55 Antibody [NBP1-89747] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: GRASP55 Antibody [NBP1-89747] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



Immunohistochemistry-Paraffin: GRASP55 Antibody [NBP1-89747] - Staining of human colon shows strong cytoplasmic positivity in glandular cells.



Publications

Prathyush Pothukuchi, Ilenia Agliarulo, Marinella Pirozzi, Riccardo Rizzo, Domenico Russo, Gabriele Turacchio, Julian Nüchel, Jia Shu Yang, Charlotte Gehin, Laura Capolupo, Maria Jose Hernandez Corbacho, Ansuman Biswas, Giovanna Vanacore, Nina Dathan, Takahiro Nitta, Petra Henklein, Mukund Thattai, Jin Ichi Inokuchi, Victor W Hsu, Markus Plomann, Lina M Obeid, Yusuf A Hannun, Alberto Luini, Giovanni D'Angelo, Seetharaman Parashuraman GRASP55 regulates intra-Golgi localization of glycosylation enzymes to control glycosphingolipid biosynthesis The EMBO Journal 2021-09-13 [PMID: 34516001]

Subramanian A, Capalbo A, Iyengar NR et al. Auto-regulation of Secretory Flux by Sensing and Responding to the Folded Cargo Protein Load in the Endoplasmic Reticulum Cell 2019-03-07 [PMID: 30849374] (ICC/IF, Mouse)



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Limitations

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