

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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NBP1-89747

GRASP55 Antibody - BSA Free

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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

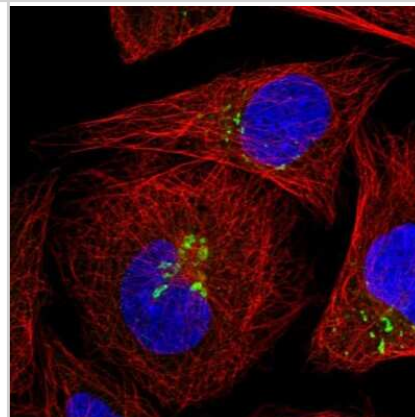
Product Description	
Description	Novus Biologicals Rabbit GRASP55 Antibody - BSA Free (NBP1-89747) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GRASP55 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	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, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, 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.

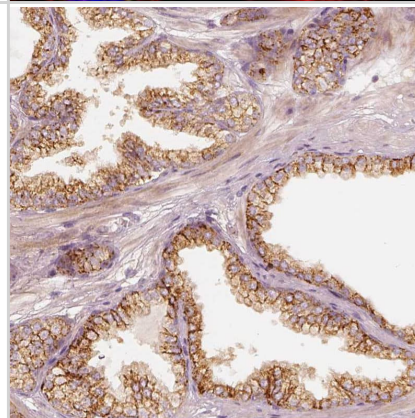


Images

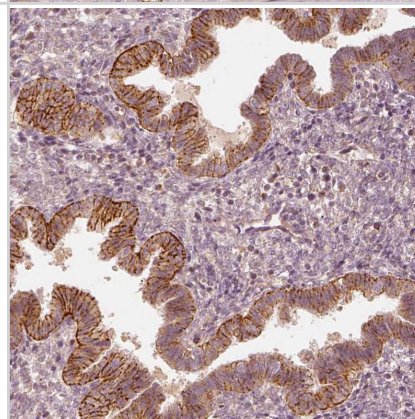
Immunocytochemistry/Immunofluorescence: GRASP55 Antibody [NBP1-89747] - Staining of human cell line U-2 OS shows localization to the Golgi apparatus. Antibody staining is shown in green.



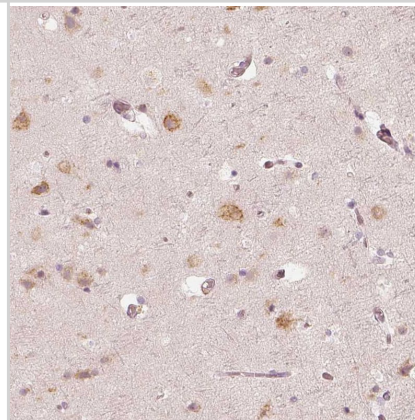
Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



Staining of human endometrium shows strong cytoplasmic positivity in glandular cells.



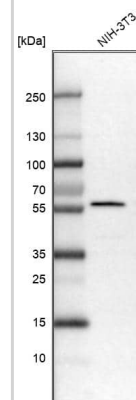
Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



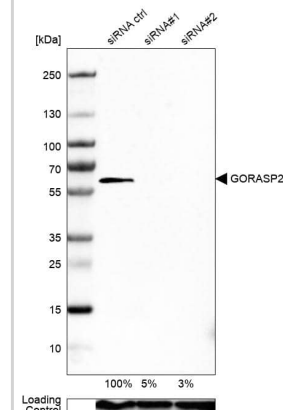
Staining of human colon shows strong cytoplasmic positivity in glandular cells.



Analysis in mouse cell line NIH-3T3.



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.



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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Products Related to NBP1-89747

NBP1-89747PEP	GRASP55 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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