

Product Datasheet

HGS Antibody NB100-55249

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 4

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NB100-55249

HGS Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

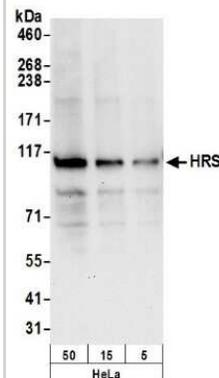
Product Description	
Description	Novus Biologicals Rabbit HGS Antibody (NB100-55249) is a polyclonal antibody validated for use in WB and IP. Anti-HGS Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	9146
Gene Symbol	HGS
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 727 and the C-terminus (residue 777) of human growth factor-regulated tyrosine kinase substrate using the numbering given in entry NP_004703.1 (GeneID 9146).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-10 ug/mg lysate

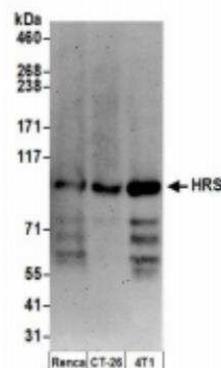


Images

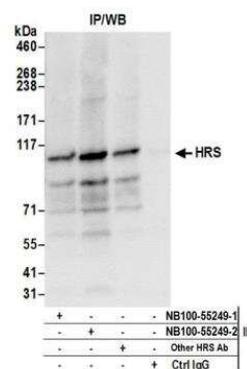
Western Blot: HGS Antibody [NB100-55249] - Detection of Human HRS by Western Blot. Samples: Whole cell lysate (50, 15, 5 ug) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HRS antibody NB100-55249 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Western Blot: HGS Antibody [NB100-55249] - Whole cell lysate (15 ug) from Renca, CT26.WT and 4T1 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HRS antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: HGS Antibody [NB100-55249] - Detection of human HRS by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HRS antibody NB100-55249 (lot NB100-55249-2) used for IP at 6 ug per reaction. HRS was also immunoprecipitated by a previous lot of this antibody (NB100-55249-1) and another rabbit anti-HRS antibody. For blotting immunoprecipitated HRS, NB100-55249 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



Publications

Rose Willett, José A. Martina, James P. Zewe, Rachel Wills, Gerald R. V. Hammond, Rosa Puertollano TFEB regulates lysosomal positioning by modulating TMEM55B expression and JIP4 recruitment to lysosomes *Nature Communications* 2017-11-17 [PMID: 29146937]

Yim YI, Park BC, Yadavalli R et al. The multivesicular body is the major internal site of prion conversion *J. Cell. Sci.* 2015-02-06 [PMID: 25663703] (WB, Mouse)

Schroeder B, Srivatsan S, Shaw A et al. CIN85 phosphorylation is essential for EGFR ubiquitination and sorting into multivesicular bodies. *Mol Biol Cell* 2012-09-01 [PMID: 22833562]

Buchanan SM, Schalm SS, Maniatis T et al. Proteolytic processing of protocadherin proteins requires endocytosis. *Proc Natl Acad Sci U S A* 2010-10-01 [PMID: 20876099]



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Products Related to NB100-55249

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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