

Product Datasheet

NOP14 Antibody - BSA Free

NBP2-13665

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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Publications: 1

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NBP2-13665

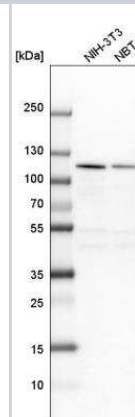
NOP14 Antibody - BSA Free

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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit NOP14 Antibody - BSA Free (NBP2-13665) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NOP14 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8602
Gene Symbol	NOP14
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against a recombinant protein corresponding to the amino acids: REKPKSRKELIEELIAKSKQEKRRERQAQREDALELTEKLDQDWKEIQTLLSHKT PKSENDRDKKEKPKPDAYDMMVRELGFEMKAQPSNRMKT
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

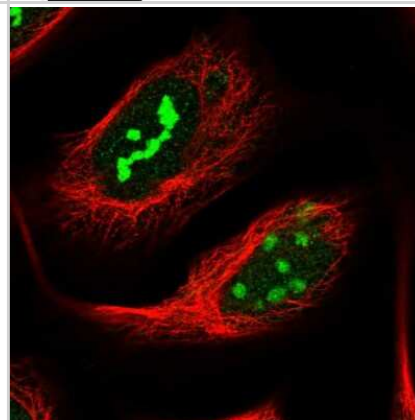


Images

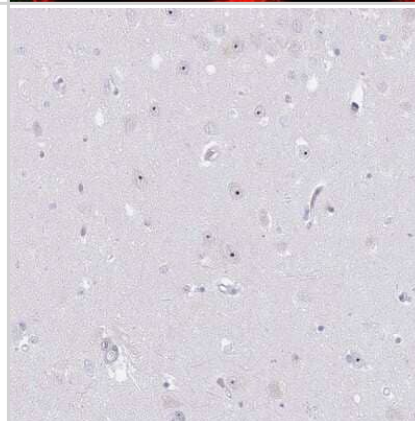
Western Blot: NOP14 Antibody [NBP2-13665] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



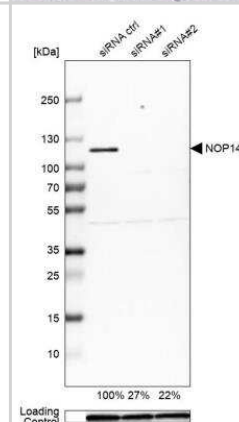
Immunocytochemistry/Immunofluorescence: NOP14 Antibody [NBP2-13665] - Staining of human cell line U-2 OS shows localization to nucleus & nucleoli. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: NOP14 Antibody [NBP2-13665] - Staining of human hippocampus shows moderate nucleolar positivity in neurons.



Western Blot: NOP14 Antibody [NBP2-13665] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



Publications

Yan X, Kuang BH, Ma S et Al. NOP14-mediated ribosome biogenesis is required for mTORC2 activation and predicts rapamycin sensitivity J Biol Chem 2024-01-23 [PMID: 38272224]



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Products Related to NBP2-13665

NBP2-13665PEP	NOP14 Recombinant Protein Antigen
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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