

Product Datasheet

NOL11 Antibody NBP1-90522

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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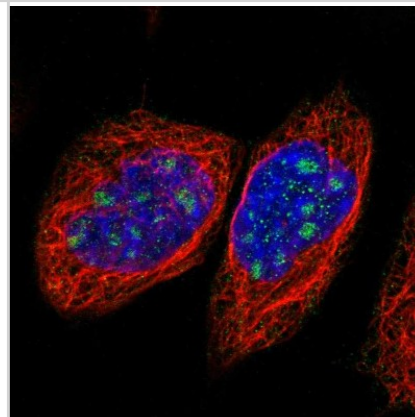
NBP1-90522

NOL11 Antibody

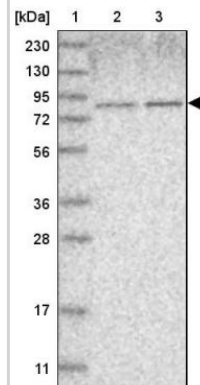
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	25926
Gene Symbol	NOL11
Species	Human
Reactivity Notes	Expected species cross reactivity based on sequence homology: Mouse (86%). Mouse reactivity reported in scientific literature (PMID: 25756904).
Specificity/Sensitivity	Specificity of antibody verified on a Protein Array containing target protein plus 383 other non-specific proteins.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids:FTLSSVVL SAGPEGLLGVEQSDKTDQFLVTD SGRTVILYKVSDQKPLGS WSVKQGQIITCPAVCNFQTGEYVVVHDNKVLR IWNNE DVNL
Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100 - 1:250, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1 - 4 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin HIER pH6 retrieval is recommended. IF fixation permeabilization: PFA/Triton X-100.

Images

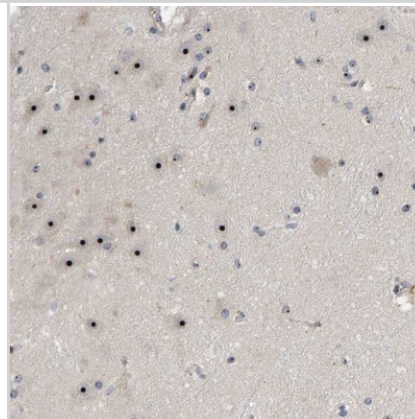
Immunocytochemistry/Immunofluorescence: NOL11 Antibody [NBP1-90522] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoli.



Western Blot: NOL11 Antibody [NBP1-90522] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



Immunohistochemistry-Paraffin: NOL11 Antibody [NBP1-90522] - Staining of human hippocampus shows strong nucleolar positivity in neuronal cells.



Publications

Griffin JN, Sondalle SB, del Viso F et al. The Ribosome Biogenesis Factor Nol11 Is Required for Optimal rDNA Transcription and Craniofacial Development in Xenopus. PLoS Genet 2015 Mar [PMID: 25756904] (WB, Mouse)

Freed EF, Prieto JL, McCann KL et al. NOL11, Implicated in the Pathogenesis of North American Indian Childhood Cirrhosis, Is Required for Pre-rRNA Transcription and Processing PLoS Genet 2012 Aug [PMID: 22916032] (ICC/IF, Human)



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Products Related to NBP1-90522

NBP1-90522PEP	NOL11 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NB810-56910-10mg	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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