

Product Datasheet

LUC7L Antibody - BSA Free

NBP2-56401

Unit Size: 100 ul

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

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NBP2-56401

LUC7L Antibody - BSA Free

Product Information

Unit Size	100 ul
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 LUC7L Antibody - BSA Free (NBP2-56401) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-LUC7L Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55692
Gene Symbol	LUC7L
Species	Human
Reactivity Notes	Mouse 88%, Rat 88%
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: PPDWRLESSNGKMASRRSEEKEAGEI

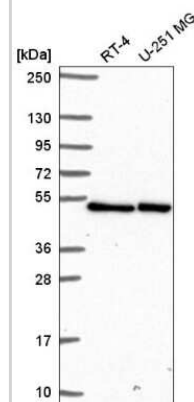
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

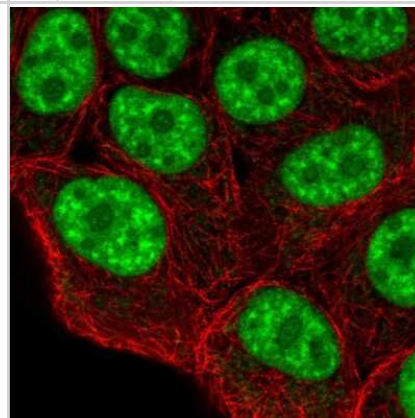


Images

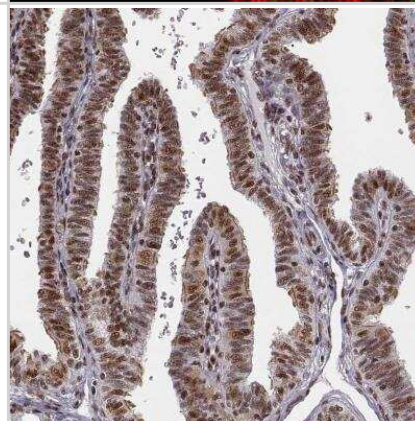
Western Blot: LUC7L Antibody [NBP2-56401] - Analysis in human cell line RT-4 and human cell line U-251 MG.



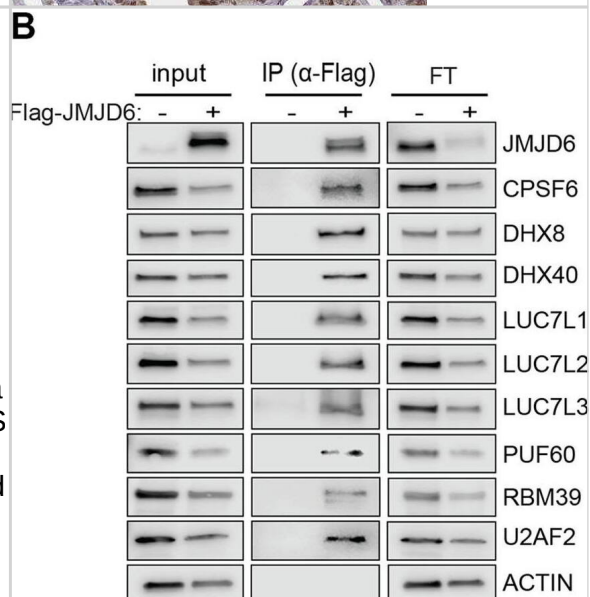
Immunocytochemistry/Immunofluorescence: LUC7L Antibody [NBP2-56401] - Staining of human cell line MCF7 shows localization to nuclear speckles & mitochondria. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: LUC7L Antibody [NBP2-56401] - Staining of human fallopian tube shows nuclear positivity in glandular cells.



JMJD6 forms an interaction network that consists of proteins involved in splicing and protein synthesis. (A) FLAG-tagged JMJD6 transduced into SK-N-AS cells for immunoprecipitation with anti-FLAG followed by protein identification by mass spectrometry. The interacting protein partners of JMJD6 are analyzed by STRING protein network. (B) Immunoprecipitation followed by western blot to validate the JMJD6-interacting partners in SK-N-AS cells. IP = immunoprecipitation, FT = flowthrough. n=single experiment. (C) Click-iT AHA labeling showing the newly synthesized proteins after overexpression of JMJD6 in SK-N-AS cells. n=single experiment. (D, E) Western blot showing the expression of GAC and KGA isoforms in SKNAS (D), BE2C (E), after U2AF2 and CPSF6 knockdown for 72 hr. n=single experiment. Figure 6—source data 1. Mass spectrometric analysis JMJD6 interactomes in BE2C and SKNAS cells. Mass spectrometric analysis JMJD6 interactomes in BE2C and SKNAS cells. The JMJD6 interactome in BE2C cells. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/38488852>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Carolyn M Jablonowski, Waise Quarni, Shivendra Singh, Haiyan Tan, Dhanushka Hewa Bostanthirige, Hongjian Jin, Jie Fang, Ti-Cheng Chang, David Finkelstein, Ji-Hoon Cho, Dongli Hu, Vishwajeeth Pagala, Sadie Miki Sakurada, Shondra M Pruett-Miller, Ruoning Wang, Andrew Murphy, Kevin Freeman, Junmin Peng, Andrew M Davidoff, Gang Wu, Jun Yang, Sean Lawler, Wafik S El-Deiry Metabolic reprogramming of cancer cells by JMJD6-mediated pre-mRNA splicing associated with therapeutic response to splicing inhibitor eLife 2024-03-15 [PMID: 38488852]





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Products Related to NBP2-56401

NBP2-56401PEP	LUC7L 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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