

# Product Datasheet

## hnRNP L Antibody (4D11) - BSA Free NB120-6106

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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**NB120-6106**

hnRNP L Antibody (4D11) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D11
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	3191
Gene Symbol	HNRNPL
Species	Human, Mouse, Rat, Amphibian, Bovine, Chicken, Primate
Reactivity Notes	Newt.
Immunogen	Human hnRNP proteins from HeLa cells purified by affinity chromatography on ssDNA agarose.

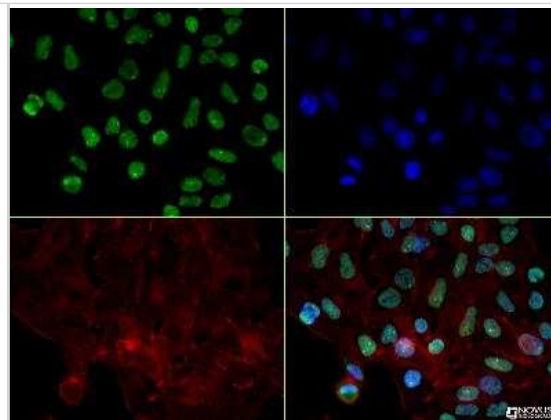
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:5000, ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:2000

**Images**

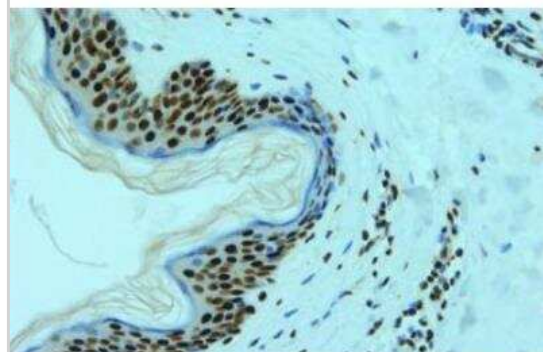
Western Blot: hnRNP L Antibody (4D11) [NB120-6106] - analysis of hnRNP L in HEK whole cell lysate using anti-hnRNP L antibody. Image from verified customer review.



Immunocytochemistry/Immunofluorescence: hnRNP L Antibody (4D11) [NB120-6106] - hnRNP L antibody was tested in HeLa cells at 5 ug/ml using a Dylight 488 conjugated secondary antibody (Green). Actin (Red) and DNA (Blue) were counterstained using Phalloidin 568 and DAPI.



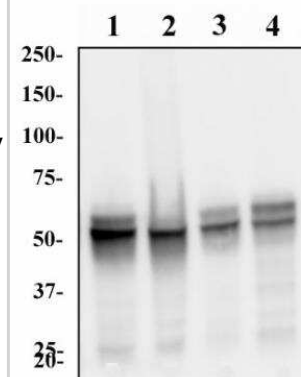
Immunohistochemistry-Frozen: hnRNP L Antibody (4D11) [NB120-6106]



Western Blot: hnRNP L Antibody (4D11) [NB120-6106] - Western blot for anti-hnRNP-L on HeLa cell extracts



Western Blot: hnRNP L Antibody (4D11) [NB120-6106] - Whole cell protein from HeLa (lane 1), A431 (lane 2), NIH-3T3 (lane 3) and PC12 (lane 4) was separated by SDS-PAGE and transferred to PVDF membrane. The membrane was probed with Anti-hnRNP L at 1 ug/ml and detected with an HRP conjugated anti-mouse secondary antibody by chemiluminescence.



## Publications

Sun C, Liu M, Chang J et al. hnRNP L negatively regulates foot-and-mouth disease virus replication through inhibiting viral RNA synthesis by interacting with IRES in 5' untranslated region J. Virol. 2020-03-11 [PMID: 32161169]

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Yao P, Wu J, Lindner D, Fox PL. Interplay between miR-574-3p and hnRNP L regulates VEGFA mRNA translation and tumorigenesis. Nucleic Acids Res. 2017-05-17 [PMID: 28520992] (IP, Mouse)

Li Y, Collins M, An J et al. Immunoprecipitation and mass spectrometry defines an extensive RBM45 protein-protein interaction network Brain Res. 2016-03-12 [PMID: 26979993] (ICC/IF, WB, IP, Human)

Soderberg M, Raffalli-Mathieu F, Lang MA. Inflammation modulates the interaction of heterogeneous nuclear ribonucleoprotein (hnRNP) I/polypyrimidine tract binding protein and hnRNP L with the 3'untranslated region of the murine inducible nitric-oxide synthase mRNA. Mol Pharmacol. 2002-08-01 [PMID: 12130696] (IP, Mouse)

Hung LH, Heiner M, Hui J et al. Diverse roles of hnRNP L in mammalian mRNA processing: a combined microarray and RNAi analysis. RNA. 2008-02-01 [PMID: 18073345] (WB, Human)

Hui J, Stangl K, Lane WS, Bindereif A. HnRNP L stimulates splicing of the eNOS gene by binding to variable-length CA repeats. Nat Struct Biol. 2003-01-01 [PMID: 12447348] (WB, Human)

Hahm B, Kim YK, Kim JH et al. Heterogeneous nuclear ribonucleoprotein L interacts with the 3' border of the internal ribosomal entry site of hepatitis C virus. J Virol. 1998-11-01 [PMID: 9765422] (WB, Human)

Shih SC, Claffey KP. Regulation of human vascular endothelial growth factor mRNA stability in hypoxia by heterogeneous nuclear ribonucleoprotein L. J Biol Chem. 1999-01-15 [PMID: 9880507] (IP, WB, Human)

Liu X, Mertz JE. HnRNP L binds a cis-acting RNA sequence element that enables intron-dependent gene expression. Genes Dev. 1995-07-15 [PMID: 7542615] (IP, Human)

Yao P, Potdar AA, Ray PS et al. The HILDA Complex Coordinates a Conditional Switch in the 3'-Untranslated Region of the VEGFA mRNA. PLoS Biol. 2013-08-01 [PMID: 23976881] (WB, Human)





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### **Products Related to NB120-6106**

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NB800-PC1	HeLa Whole Cell Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **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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