

Product Datasheet

CNOT7 Antibody (2F6) - Azide and BSA Free H00029883-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 7

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H00029883-M01

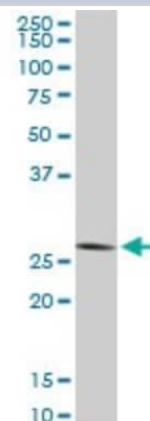
CNOT7 Antibody (2F6) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2F6
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse CNOT7 Antibody (2F6) - Azide and BSA Free (H00029883-M01) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-CNOT7 Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	29883
Gene Symbol	CNOT7
Species	Human, Mouse, Rat
Reactivity Notes	Human, Mouse, & Rat. Other species not tested.
Specificity/Sensitivity	CNOT7 - CCR4-NOT transcription complex, subunit 7
Immunogen	CNOT7 (AAH60852, 1 a.a. ~ 285 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MPAATVDHSQRICEVWACNLDEEMKKIRQVIRKYNVYVAMDTEFPGVVARPIGE FRSNADYQYQLLR CNVDLLKIIQLGLTFMNEQGEYPPGTSTWQFNFKFNLTED MYAQDSIELLTTSIGIQFKKHEEEGIETQYFAELLMTSGVVLCEGVKWLFSFHSGY DFGYLIKILTNSNLPEEELDFFEILRLFFPVIYDVKYLKMSCKNLKGGLQEVAEQL ELERIGPQHQA GSDSLLTGMAFFKMREMFFEDHIDDAKYCGHLYGLGSGSSYV QNGTGNAYEEEEANKQS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence and ELISA.

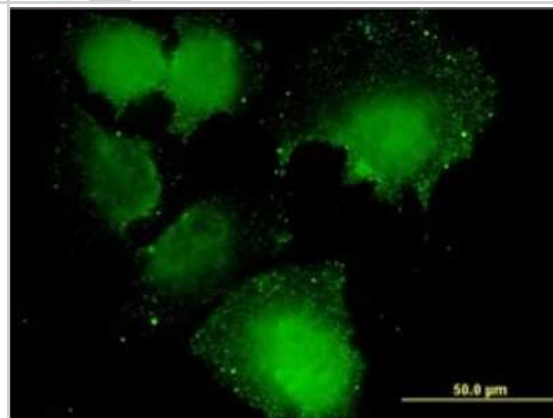


Images

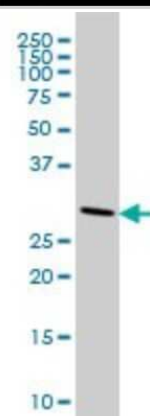
Western Blot: CNOT7 Antibody (2F6) [H00029883-M01] - CNOT7 monoclonal antibody (M01), clone 2F6. Analysis of CNOT7 expression in Raw 264.7.



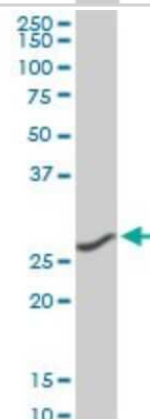
Immunocytochemistry/Immunofluorescence: CNOT7 Antibody (2F6) [H00029883-M01] - Analysis of monoclonal antibody to CNOT7 on HeLa cell. Antibody concentration 40 ug/ml.



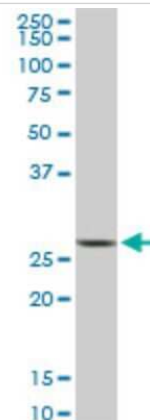
Western Blot: CNOT7 Antibody (2F6) [H00029883-M01] - CNOT7 monoclonal antibody (M01), clone 2F6 Analysis of CNOT7 expression in HeLa.



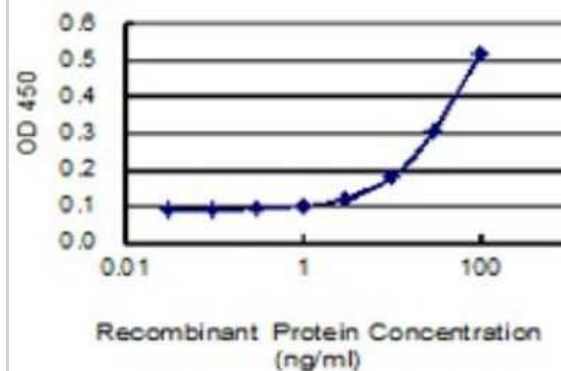
Western Blot: CNOT7 Antibody (2F6) [H00029883-M01] - CNOT7 monoclonal antibody (M01), clone 2F6. Analysis of CNOT7 expression in PC-12.



Western Blot: CNOT7 Antibody (2F6) [H00029883-M01] - CNOT7 monoclonal antibody (M01), clone 2F6. Analysis of CNOT7 expression in NIH/3T3.



Sandwich ELISA: CNOT7 Antibody (2F6) [H00029883-M01] - Detection limit for recombinant GST tagged CNOT7 is 3 ng/ml as a capture antibody.



Publications

Toru S, Miyuki H, Saori N et al. Regulation of CCR4-NOT complex deadenylase activity and cellular responses by MK2-dependent phosphorylation of CNOT2. RNA Biol. 2022-02-06 [PMID: 35129087]

Shohei T, Akiko Y, Haytham M et al. Neuronal XRN1 is required for maintenance of whole-body metabolic homeostasis. iScience. 2021-10-22 [PMID: 34646989]

Yi H, Park J, Ha M et al. PABP Cooperates with the CCR4-NOT Complex to Promote mRNA Deadenylation and Block Precocious Decay. Mol Cell 2018-06-21 [PMID: 29932901]

Sheu-Gruttadauria J, MacRae IJ., et al. Phase Transitions in the Assembly and Function of Human miRISC. Cell 2018-03-16 [PMID: 29576456]

Marchese FP, Aubareda A, Tudor C et al. MAPKAP Kinase 2 Blocks Tristetraprolin-directed mRNA Decay by Inhibiting CAF1 Deadenylase Recruitment. J Biol Chem. 2010-07-01 [PMID: 20595389]

Chekulaeva M, Mathys H, Zipprich JT et al. miRNA repression involves GW182-mediated recruitment of CCR4-NOT through conserved W-containing motifs. Nat Struct Mol Biol. 2011-10-07 [PMID: 21984184]

Inoue T, Morita M, Hijikata A et al. CNOT3 contributes to early B cell development by controlling Igh rearrangement and p53 mRNA stability. J Exp Med. 2015-08-03 [PMID: 26238124]



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Products Related to H00029883-M01

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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