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CNOT3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CNOT3.
Catalog # AT1572a

Product Information

Application	WB, IF, E
Primary Accession	O75175
Other Accession	NM_014516
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4B8
Calculated MW	81872

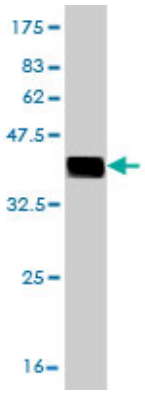
Additional Information

Gene ID	4849
Other Names	CCR4-NOT transcription complex subunit 3, CCR4-associated factor 3, Leukocyte receptor cluster member 2, CNOT3, KIAA0691, LENG2, NOT3
Target/Specificity	CNOT3 (NP_055331, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	CNOT3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

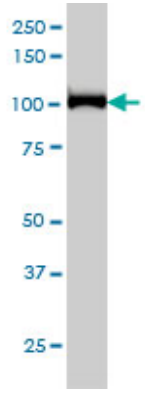
References

1.Identification of Ccr4-Not complex components as regulators of transition from partial to genuine induced pluripotent stem cells.Kamon M, Katano M, Hiraki-Kamon K, Hishida T, Nakachi Y, Mizuno Y, Okazaki Y, Suzuki A, Hirasaki M, Ueda A, Nishimoto M, Kato H, Okuda AStem Cells Dev. 2013 Nov 8.2.The Anti-Proliferative Activity of BTG/TOB Proteins Is Mediated via the Caf1a (CNOT7) and Caf1b (CNOT8) Deadenylase Subunits of the Ccr4-Not Complex.Doidge R, Mittal S, Aslam A, Winkler GS.PLoS One. 2012;7(12):e51331. doi: 10.1371/journal.pone.0051331. Epub 2012 Dec 7.3.The Ccr4-not deadenylase subunits CNOT7 and CNOT8 have overlapping roles and modulate cell proliferation.Aslam A, Mittal S, Koch F, Andrau JC, Winkler GS.Mol Biol Cell. 2009 Sep;20(17):3840-50. Epub 2009 Jul 15.

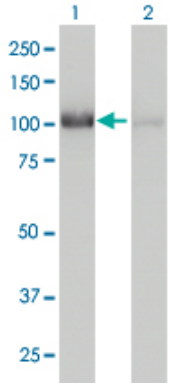
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .

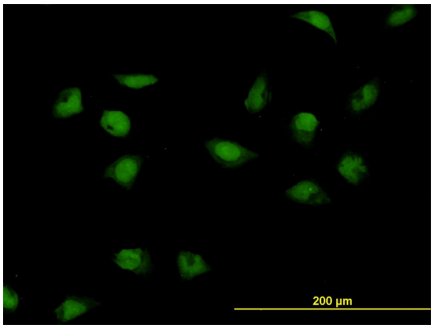


CNOT3 monoclonal antibody (M01), clone 4B8 Western Blot analysis of CNOT3 expression in Hela S3 NE ((Cat # AT1572a)



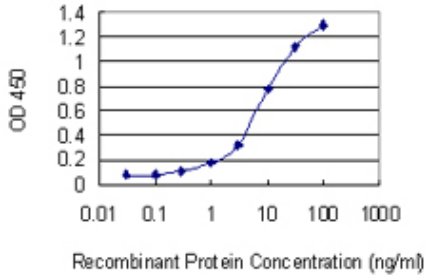
Western Blot analysis of CNOT3 expression in transfected 293T cell line by CNOT3 monoclonal antibody (M01), clone 4B8.

Lane 1: CNOT3 transfected lysate(82 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to CNOT3 on HeLa cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged CNOT3 is 0.3 ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.