

CNOT7 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant CNOT7.****Catalog # AT1573a****Specification**

CNOT7 Antibody (monoclonal) (M01) - Product Information

Application	WB, IF
Primary Accession	O9UIV1
Other Accession	BC060852
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	32745

CNOT7 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 29883**Other Names**

CCR4-NOT transcription complex subunit 7, BTG1-binding factor 1, CCR4-associated factor 1, CAF-1, Caf1a, CNOT7, CAF1

Target/Specificity

CNOT7 (AAH60852, 1 a.a. ~ 285 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

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

CNOT7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

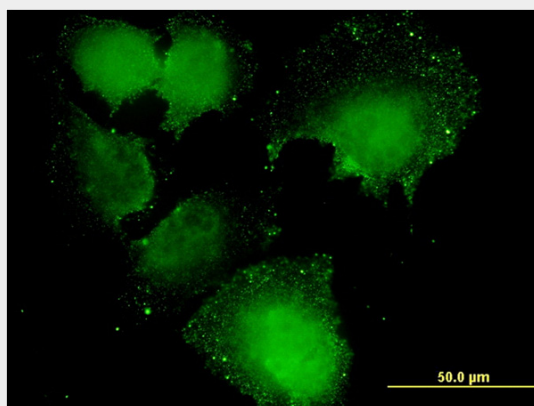
CNOT7 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

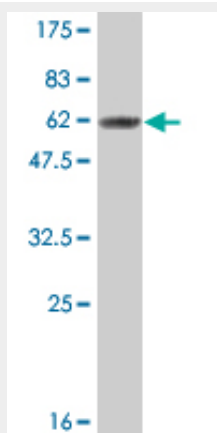
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

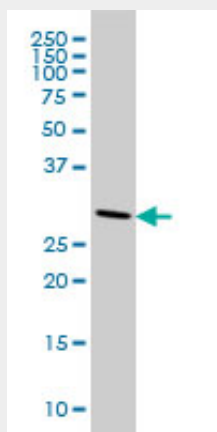
CNOT7 Antibody (monoclonal) (M01) - Images



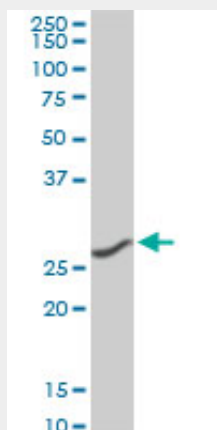
Immunofluorescence of monoclonal antibody to CNOT7 on HeLa cell. [antibody concentration 40 ug/ml]



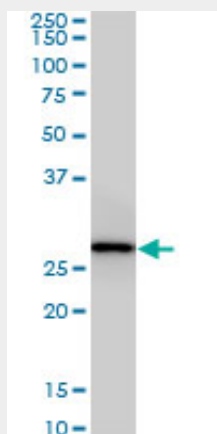
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (57.09 KDa) .



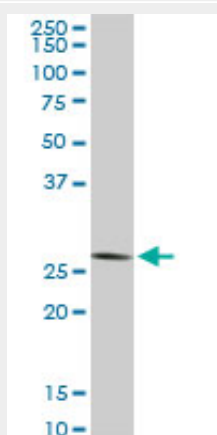
CNOT7 monoclonal antibody (M01), clone 2F6 Western Blot analysis of CNOT7 expression in HeLa (Cat # AT1573a)



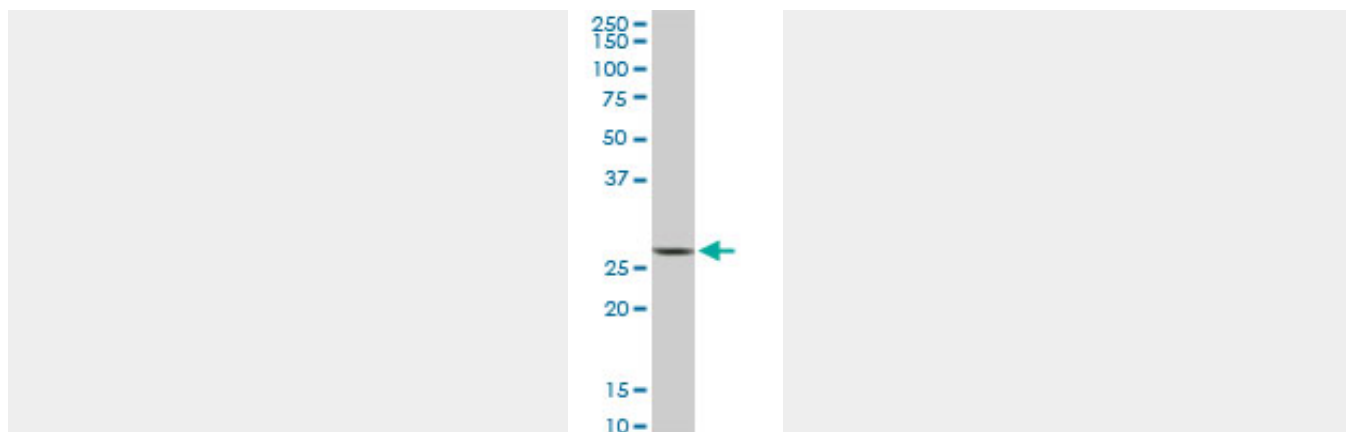
CNOT7 monoclonal antibody (M01), clone 2F6. Western Blot analysis of CNOT7 expression in PC-12 (Cat # AT1573a)



CNOT7 monoclonal antibody (M01), clone 2F6. Western Blot analysis of CNOT7 expression in Hela S3 NE (Cat # AT1573a)



CNOT7 monoclonal antibody (M01), clone 2F6. Western Blot analysis of CNOT7 expression in Raw 264.7 (Cat # AT1573a)



CNOT7 monoclonal antibody (M01), clone 2F6. Western Blot analysis of CNOT7 expression in NIH/3T3 (Cat # AT1573a)

CNOT7 Antibody (monoclonal) (M01) - Background

The protein encoded by this gene binds to an anti-proliferative protein, B-cell translocation protein 1, which negatively regulates cell proliferation. Binding of the two proteins, which is driven by phosphorylation of the anti-proliferative protein, causes signaling events in cell division that lead to changes in cell proliferation associated with cell-cell contact. The protein has both mouse and yeast orthologs. Alternate splicing of this gene results in two transcript variants encoding different isoforms.

CNOT7 Antibody (monoclonal) (M01) - References

1.miRNA repression involves GW182-mediated recruitment of CCR4-NOT through conserved W-containing motifs.Chekulaeva M, Mathys H, Zipprich JT, Attig J, Colic M, Parker R, Filipowicz W.Nat Struct Mol Biol. 2011 Oct 7;18(11):1218-26. doi: 10.1038/nsmb.2166.2.MAPKAP Kinase 2 Blocks Tristetraprolin-directed mRNA Decay by Inhibiting CAF1 Deadenylase Recruitment.Marchese FP, Aubareda A, Tudor C, Saklatvala J, Clark AR, Dean JL.J Biol Chem. 2010 Sep 3;285(36):27590-600. Epub 2010 Jul 1.