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NCK1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant NCK1.
Catalog # AT2980a

Product Information

Application	WB, E
Primary Accession	P16333
Other Accession	BC006403
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1A1
Calculated MW	42864

Additional Information

Gene ID	4690
Other Names	Cytoplasmic protein NCK1, NCK adaptor protein 1, Nck-1, SH2/SH3 adaptor protein NCK-alpha, NCK1, NCK
Target/Specificity	NCK1 (AAH06403, 185 a.a. ~ 294 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	NCK1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

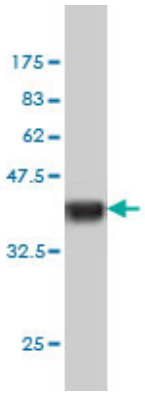
The protein encoded by this gene is one of the signaling and transforming proteins containing Src homology 2 and 3 (SH2 and SH3) domains. It is located in the cytoplasm and is an adaptor protein involved in transducing signals from receptor tyrosine kinases to downstream signal recipients such as RAS. Alternatively spliced transcript variants encoding different isoforms have been found.

References

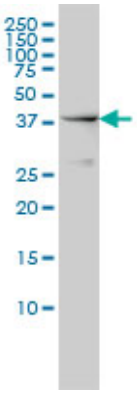
Cooperative interactions at the SLP-76 complex are critical for actin polymerization. Barda-Saad M, et al. EMBO J, 2010 Jul 21. PMID 20562827.New genetic associations detected in a host response study to hepatitis

B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.Ponsin interacts with Nck adapter proteins: implications for a role in cytoskeletal remodelling during differentiation of skeletal muscle cells. Gehmlich K, et al. Eur J Cell Biol, 2010 May. PMID 20129698.The Bcr-Abl kinase regulates the actin cytoskeleton via a GADS/Slp-76/Nck1 adaptor protein pathway. Preisinger C, et al. Cell Signal, 2010 May. PMID 20079431.Identification of SH3 domain interaction partners of human FasL (CD178) by phage display screening. Voss M, et al. BMC Immunol, 2009 Oct 6. PMID 19807924.

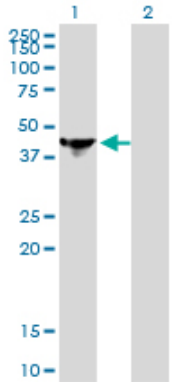
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .

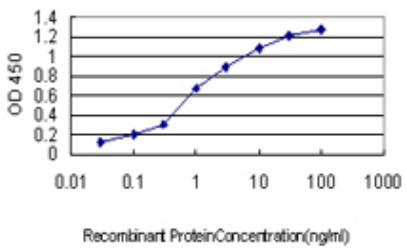


NCK1 monoclonal antibody (M01), clone 1A1 Western Blot analysis of NCK1 expression in Hela S3 NE ((Cat # AT2980a)



Western Blot analysis of NCK1 expression in transfected 293T cell line by NCK1 monoclonal antibody (M01), clone 1A1.

Lane 1: NCK1 transfected lysate(42.9 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged NCK1 is approximately 0.1ng/ml as a capture antibody.

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