

SH3MD2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SH3MD2.

Catalog # AT3876a

Product Information

Application	WB, E
Primary Accession	Q7Z6J0
Other Accession	NM_020870
Reactivity	Human, Rat
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3H3
Calculated MW	93129

Additional Information

Gene ID	57630
Other Names	E3 ubiquitin-protein ligase SH3RF1, 632-, Plenty of SH3s, Protein POSH, RING finger protein 142, SH3 domain-containing RING finger protein 1, SH3 multiple domains protein 2, SH3RF1, KIAA1494, POSH, RNF142, SH3MD2
Target/Specificity	SH3MD2 (NP_065921, 790 a.a. ~ 888 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	SH3MD2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

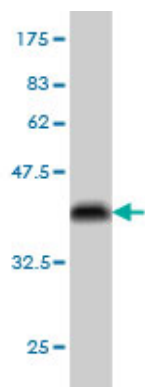
Background

This gene encodes a protein containing an N-terminus RING-finger, four SH3 domains, and a region implicated in binding of the Rho GTPase Rac. Via the RING-finger, the encoded protein has been shown to function as an ubiquitin-protein ligase involved in protein sorting at the trans-Golgi network. The encoded protein may also act as a scaffold for the c-Jun N-terminal kinase signaling pathway, facilitating the formation of a functional signaling module.

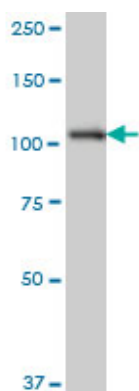
References

1.Sh3rf2/POSH promotes cell survival by RING-mediated proteasomal degradation of the JNK scaffold POSH.Wilhelm M, Kukekov NV, Schmit TL, Biagas KV, Sproul AA, Gire S, Maes ME, Xu Z, Greene LA.J Biol Chem. 2011 Nov 28.

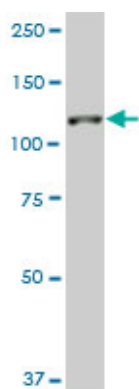
Images



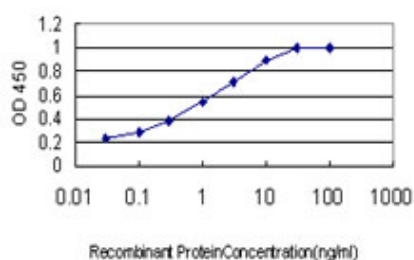
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.63 KDa) .



SH3MD2 monoclonal antibody (M01), clone 3H3 Western Blot analysis of SH3MD2 expression in HeLa ((Cat # AT3876a)



SH3MD2 monoclonal antibody (M01), clone 3H3. Western Blot analysis of SH3MD2 expression in PC-12 ((Cat # AT3876a)



Detection limit for recombinant GST tagged SH3MD2 is approximately 0.03ng/ml as a capture antibody.

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