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RHOT1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RHOT1.
Catalog # AT3640a

Product Information

Application	WB, E
Primary Accession	Q8IXI2
Other Accession	NM_018307
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4H4
Calculated MW	70784

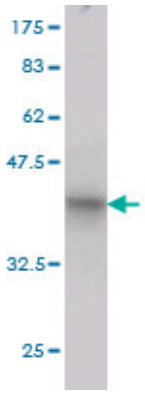
Additional Information

Gene ID	55288
Other Names	Mitochondrial Rho GTPase 1, MIRO-1, hMiro-1, 365-, Rac-GTP-binding protein-like protein, Ras homolog gene family member T1, RHOT1, ARHT1
Target/Specificity	RHOT1 (NP_060777, 483 a.a. ~ 580 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	RHOT1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

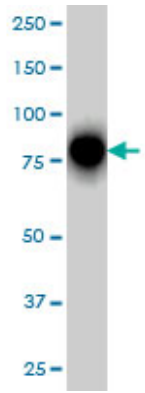
References

1.GTPase of the immune-associated nucleotide-binding protein 5 (GIMAP5) regulates calcium influx in T lymphocytes by promoting mitochondrial calcium accumulation.Chen XL, Serrano D, Mayhue M, Wieden HJ, Stankova J, Boulay G, Ilangumaran S, Ramanathan S.Biochem J. 2012 Oct 26. [Epub ahead of print]2.N-acetylglucosamine transferase is an integral component of a kinesin-directed mitochondrial trafficking complex.Pozo KB, Stephenson FA.Biochim Biophys Acta. 2010 Oct 27. [Epub ahead of print]3.GTPase dependent recruitment of Grif-1 by Miro1 regulates mitochondrial trafficking in hippocampal neurons.Macaskill AF, Brickley K, Stephenson FA, Kittler JT.Mol Cell Neurosci. 2009 Mar;40(3):301-12. Epub 2008 Dec 3.

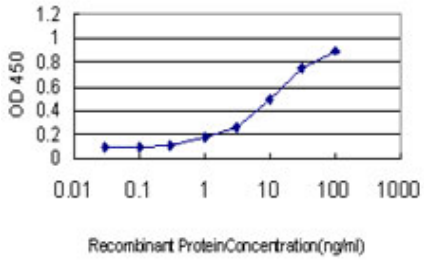
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.52 KDa) .



RHOT1 monoclonal antibody (M01), clone 4H4 Western Blot analysis of RHOT1 expression in Hela S3 NE ((Cat # AT3640a)



Detection limit for recombinant GST tagged RHOT1 is approximately 0.3ng/ml as a capture antibody.

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