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RNF125 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RNF125.
Catalog # AT3661a

Product Information

Application	WB, E
Primary Accession	Q96EQ8
Other Accession	NM_017831
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1A5
Calculated MW	26454

Additional Information

Gene ID	54941
Other Names	E3 ubiquitin-protein ligase RNF125, 632-, RING finger protein 125, T-cell RING activation protein 1, TRAC-1, RNF125
Target/Specificity	RNF125 (NP_060301, 143 a.a. ~ 231 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	RNF125 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

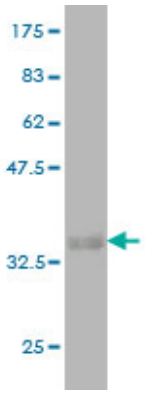
This gene encodes a novel E3 ubiquitin ligase that contains an N-terminal RING finger domain. The encoded protein may function as a positive regulator in the T-cell receptor signaling pathway.

References

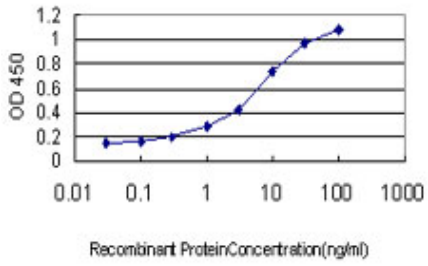
T-cell regulator RNF125/TRAC-1 belongs to a novel family of ubiquitin ligases with zinc fingers and a ubiquitin-binding domain. Giannini AL, et al. Biochem J, 2008 Feb 15. PMID 17990982.UbcH8 regulates ubiquitin and ISG15 conjugation to RIG-I. Arimoto K, et al. Mol Immunol, 2008 Feb. PMID 17719635.The RING finger ubiquitin ligase RNF125/TRAC-1 down-modulates HIV-1 replication in primary human peripheral

blood mononuclear cells. Shoji-Kawata S, et al. Virology, 2007 Nov 10. PMID 17643463.A novel E3 ubiquitin ligase TRAC-1 positively regulates T cell activation. Zhao H, et al. J Immunol, 2005 May 1. PMID 15843525.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.53 KDa) .



Detection limit for recombinant GST tagged RNF125 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'.