

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

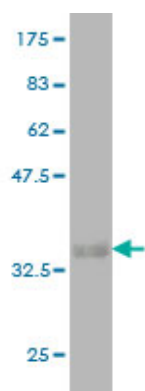
This gene encodes a novel E3 ubiquitin ligase that contains an N-terminal RING finger domain. The encoded protein may function as a positive regulator in the T-cell receptor signaling pathway.

References

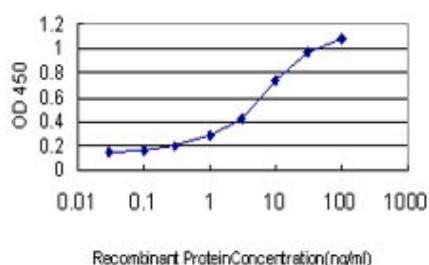
T-cell regulator RNF125/TRAC-1 belongs to a novel family of ubiquitin ligases with zinc fingers and a ubiquitin-binding domain. Giannini AL, et al. Biochem J, 2008 Feb 15. PMID 17990982. Ubch8 regulates ubiquitin and ISG15 conjugation to RIG-I. Arimoto K, et al. Mol Immunol, 2008 Feb. PMID 17719635. 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 0.03 ng/ml as a capture antibody.

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