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RNF41 Antibody (monoclonal) (M01A)

Mouse monoclonal antibody raised against a partial recombinant RNF41.
Catalog # AT3677a

Product Information

Application	WB
Primary Accession	Q9H4P4
Other Accession	NM_005785
Reactivity	Human, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgM Kappa
Clone Names	4C2
Calculated MW	35905

Additional Information

Gene ID	10193
Other Names	E3 ubiquitin-protein ligase NRDP1, 632-, RING finger protein 41, RNF41, FLRF, NRDP1
Target/Specificity	RNF41 (NP_005776, 218 a.a. ~ 317 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
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	RNF41 Antibody (monoclonal) (M01A) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

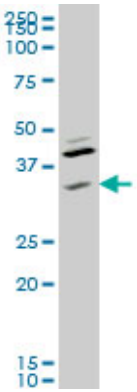
The protein encoded by this gene contains a RING finger, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. The specific function of this protein has not yet been determined. Three alternatively spliced transcript variants encoding two distinct isoforms have been reported.

References

Nrdp1-mediated regulation of ErbB3 expression by the androgen receptor in androgen-dependent but not castrate-resistant prostate cancer cells. Chen L, et al. Cancer Res, 2010 Jul 15. PMID

20587519.Apollon/RNF41 myocardial messenger RNA diagnoses cardiac allograft apoptosis in rejection. Aharinejad S, et al. Transplantation, 2010 Jan 27. PMID 20098290.Genetic screening for mutations in the Nrdp1 gene in Parkinson disease patients in a Chinese population. Mo X, et al. Parkinsonism Relat Disord, 2010 Mar. PMID 19800834.Parkin is ubiquitinated by Nrdp1 and abrogates Nrdp1-induced oxidative stress. Yu F, et al. Neurosci Lett, 2008 Jul 25. PMID 18541373.Neuregulin-induced ErbB3 downregulation is mediated by a protein stability cascade involving the E3 ubiquitin ligase Nrdp1. Cao Z, et al. Mol Cell Biol, 2007 Mar. PMID 17210635.

Images



RNF41 monoclonal antibody (M01A), clone 4C2 Western Blot analysis of RNF41 expression in PC-12 (Cat # L012V1).

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