

RNF41 Antibody (monoclonal) (M01A)**Mouse monoclonal antibody raised against a partial recombinant RNF41.****Catalog # AT3677a****Specification**

RNF41 Antibody (monoclonal) (M01A) - Product Information

Application	WB
Primary Accession	Q9H4P4
Other Accession	NM_005785
Reactivity	Human, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgM Kappa
Calculated MW	35905

RNF41 Antibody (monoclonal) (M01A) - 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.

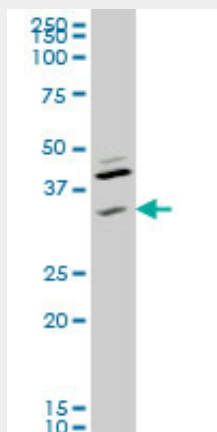
RNF41 Antibody (monoclonal) (M01A) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RNF41 Antibody (monoclonal) (M01A) - Images



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

RNF41 Antibody (monoclonal) (M01A) - 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.

RNF41 Antibody (monoclonal) (M01A) - 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.