

RNF141 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RNF141.

Catalog # AT3667a

Product Information

Application	WB, IHC, E
Primary Accession	Q8WVD5
Other Accession	NM_016422
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	6D9
Calculated MW	25535

Additional Information

Gene ID	50862
Other Names	RING finger protein 141, Zinc finger protein 230, RNF141, ZNF230
Target/Specificity	RNF141 (NP_001008563, 141 a.a. ~ 229 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 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	RNF141 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

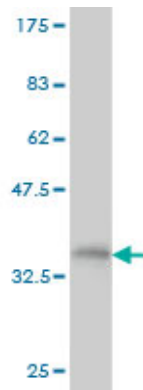
The protein encoded by this gene contains a RING finger, a motif known to be involved in protein-DNA and protein-protein interactions. Abundant expression of this gene was found in the testicular tissue of fertile men, but was not detected in azoospermic patients. Studies of the mouse counterpart suggest that this gene may function as a testis specific transcription factor during spermatogenesis.

References

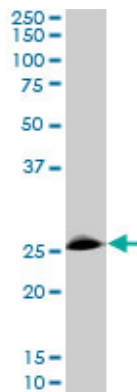
High-throughput mapping of a dynamic signaling network in mammalian cells. Barrios-Rodiles M, et al. Science, 2005 Mar 11. PMID 15761153. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID

15489334.Molecular cloning and characterization of a mouse spermatogenesis-related ring finger gene znf230. Qiu W, et al. Biochem Biophys Res Commun, 2003 Jun 27. PMID 12804569.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.The shorter zinc finger protein ZNF230 gene message is transcribed in fertile male testes and may be related to human spermatogenesis. Zhang S, et al. Biochem J, 2001 Nov 1. PMID 11672448.

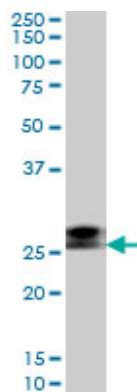
Images



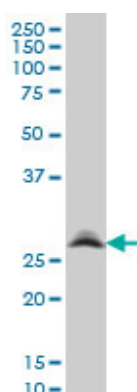
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.53 KDa) .



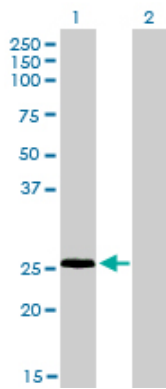
RNF141 monoclonal antibody (M01), clone 6D9. Western Blot analysis of RNF141 expression in PC-12 ((Cat # AT3667a)



RNF141 monoclonal antibody (M01), clone 6D9. Western Blot analysis of RNF141 expression in Raw 264.7 ((Cat # AT3667a)

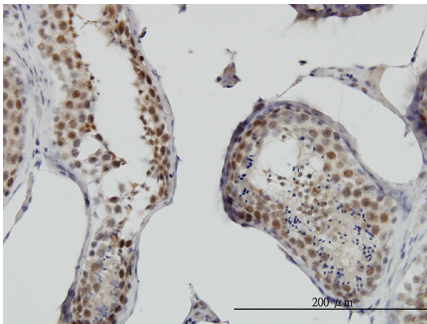


RNF141 monoclonal antibody (M01), clone 6D9 Western Blot analysis of RNF141 expression in A-431 ((Cat # AT3667a)

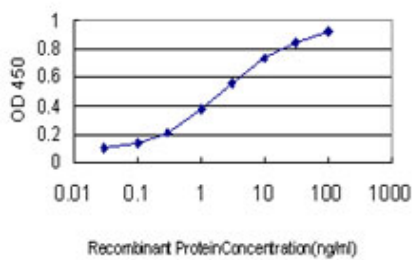


Western Blot analysis of RNF141 expression in transfected 293T cell line by RNF141 monoclonal antibody (M01), clone 6D9.

Lane 1: RNF141 transfected lysate(25.5 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to RNF141 on formalin-fixed paraffin-embedded human testis. [antibody concentration 0.3 ug/ml]



Detection limit for recombinant GST tagged RNF141 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'.