

EXOSC3 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant EXOSC3.

Catalog # AT1967a

Product Information

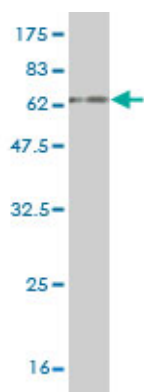
Application	WB, IHC, IP, E
Primary Accession	Q9NQT5
Other Accession	BC002437
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	5C3
Calculated MW	29572

Additional Information

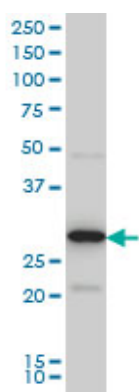
Gene ID	51010
Other Names	Exosome complex component RRP40, Exosome component 3, Ribosomal RNA-processing protein 40, p10, EXOSC3, RRP40
Target/Specificity	EXOSC3 (AAH02437, 1 a.a. ~ 275 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IP~~N/A 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	EXOSC3 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

References

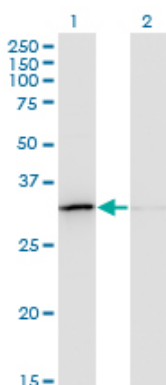
The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. A protein interaction framework for human mRNA degradation. Lehner B, et al. Genome Res, 2004 Jul. PMID 15231747. A KH domain RNA binding protein, KSRP, promotes ARE-directed mRNA turnover by recruiting the degradation machinery. Gherzi R, et al. Mol Cell, 2004 Jun 4. PMID 15175153. The association of the human PM/Sci-75 autoantigen with the exosome is dependent on a newly identified N terminus. Raijmakers R, et al. J Biol Chem, 2003 Aug 15. PMID 12788944. 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.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (55.99 KDa) .



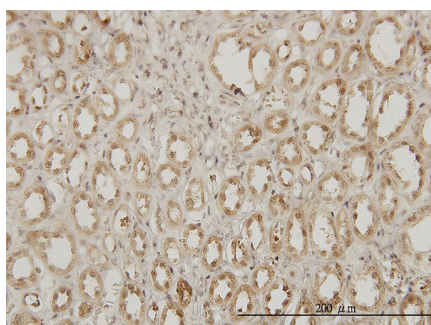
EXOSC3 monoclonal antibody (M03), clone 5C3 Western Blot analysis of EXOSC3 expression in HeLa S3 NE (Cat # AT1967a)



Western Blot analysis of EXOSC3 expression in transfected 293T cell line by EXOSC3 monoclonal antibody (M03), clone 5C3.

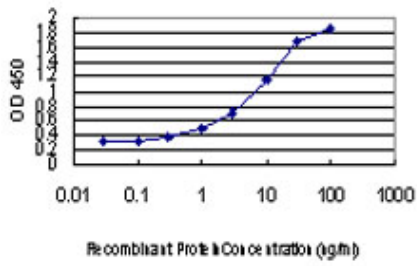
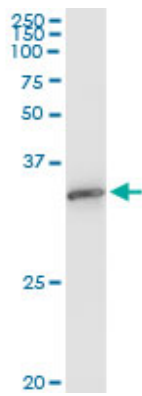
Lane 1: EXOSC3 transfected lysate (Predicted MW: 29.6 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to EXOSC3 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

Immunoprecipitation of EXOSC3 transfected lysate using anti-EXOSC3 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with EXOSC3 monoclonal antibody.



Detection limit for recombinant GST tagged EXOSC3 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'.