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EXOSC8 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant EXOSC8.
Catalog # AT1969a

Product Information

Application	WB, IHC, E
Primary Accession	Q96B26
Other Accession	BC020773
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1G5
Calculated MW	30040

Additional Information

Gene ID	11340
Other Names	Exosome complex component RRP43, Exosome component 8, Opa-interacting protein 2, OIP-2, Ribosomal RNA-processing protein 43, p9, EXOSC8, OIP2, RRP43
Target/Specificity	EXOSC8 (AAH20773, 1 a.a. ~ 276 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 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	EXOSC8 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

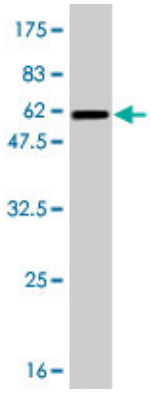
This gene encodes a 3'-5' exoribonuclease that specifically interacts with mRNAs containing AU-rich elements. The encoded protein is part of the exosome complex that is important for the degradation of numerous RNA species. A pseudogene of this gene is found on chromosome 6.

References

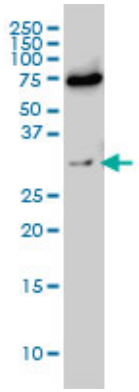
Sequence-specific RNA binding mediated by the RNase PH domain of components of the exosome. Anderson JR, et al. RNA, 2006 Oct. PMID 16912217.Nucleolar proteome dynamics. Andersen JS, et al. Nature,

2005 Jan 6. PMID 15635413.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.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.

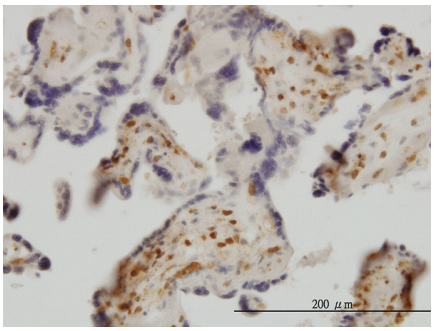
Images



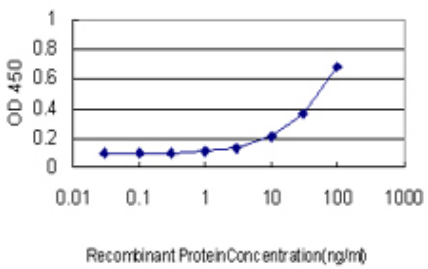
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (56.1 KDa) .



EXOSC8 monoclonal antibody (M01), clone 1G5 Western Blot analysis of EXOSC8 expression in Hela S3 NE ((Cat # AT1969a)



Immunoperoxidase of monoclonal antibody to EXOSC8 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged EXOSC8 is approximately 3ng/ml as a capture antibody.