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GTPBP1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant GTPBP1.
Catalog # AT2297a

Product Information

Application	WB, IP
Primary Accession	O00178
Other Accession	NM_004286
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1H1
Calculated MW	72454

Additional Information

Gene ID	9567
Other Names	GTP-binding protein 1, G-protein 1, GP-1, GP1, GTPBP1
Target/Specificity	GTPBP1 (NP_004277, 1 a.a. ~ 76 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IP~~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	GTPBP1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

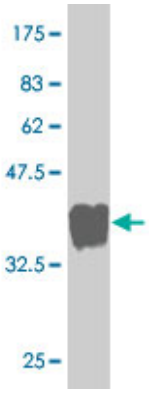
This gene is upregulated by interferon-gamma and encodes a protein that is a member of the AGP11/GTPBP1 family of GTP-binding proteins. A structurally similar protein has been found in mouse, where disruption of the gene for that protein had no observable phenotype.

References

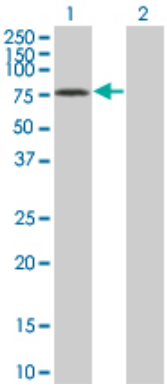
Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.A genome annotation-driven approach to cloning the human ORFeome. Collins JE, et al. Genome Biol, 2004. PMID

15461802.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.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.

Images

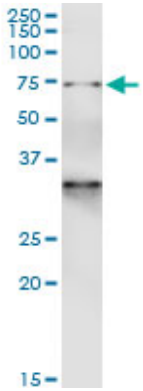


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (34.1 KDa) .



Western Blot analysis of GTPBP1 expression in transfected 293T cell line by GTPBP1 monoclonal antibody (M01), clone 1H1.

Lane 1: GTPBP1 transfected lysate(63.4 KDa).
Lane 2: Non-transfected lysate.



Immunoprecipitation of GTPBP1 transfected lysate using anti-GTPBP1 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with GTPBP1 monoclonal antibody.

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