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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

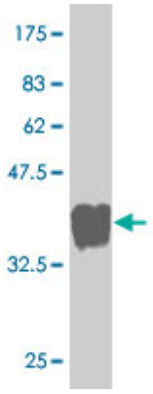
This gene is upregulated by interferon-gamma and encodes a protein that is a member of the AGP11/GTPBP1 family of GTP-binding proteins. A structurally similar protein has been found in mouse, where disruption of the gene for that protein had no observable phenotype.

## References

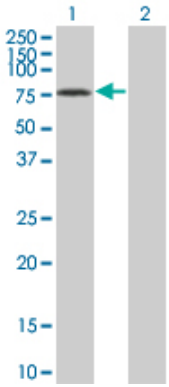
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15461802.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.

## Images

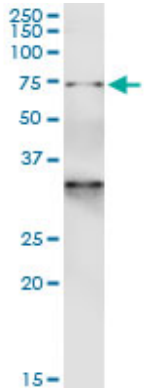



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (34.1 KDa) .




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'.