10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# DNAJC7 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant DNAJC7.
Catalog # AT1797a

## Product Information

| | |
|---|---|
| **Application** | WB, IF, E |
| **Primary Accession** | Q99615 |
| **Other Accession** | BC033772 |
| **Reactivity** | Human |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG2a kappa |
| **Clone Names** | 4G6-G3 |
| **Calculated MW** | 56441 |

## Additional Information

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|---|---|
| **Gene ID** | 7266 |
| **Other Names** | DnaJ homolog subfamily C member 7, Tetratricopeptide repeat protein 2, TPR repeat protein 2, DNAJC7, TPR2, TTC2 |
| **Target/Specificity** | DNAJC7 (AAH33772, 1 a.a. ~ 484 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Dilution** | WB~~1:500~1000 IF~~1:50~200 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** | DNAJC7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Background

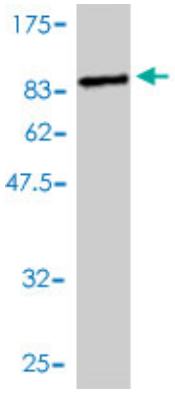
This gene encodes a member of the DNAJ heat shock protein 40 family of proteins that is characterized by two N-terminal tetratricopeptide repeat domains and a C-terminal DNAJ domain. This protein binds the chaperone proteins heat shock proteins 70 and 90 in an ATP-dependent manner and may function as a co-chaperone. Pseudogenes of this gene are found on chromosomes 1 and 6. Alternate splicing results in multiple transcript variants.

## References

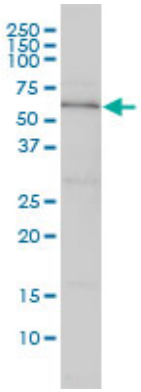
Role of the cochaperone Tpr2 in Hsp90 chaperoning. Moffatt NS, et al. Biochemistry, 2008 Aug 5. PMID

18620420.The LIFEdb database in 2006. Mehrle A, et al. Nucleic Acids Res, 2006 Jan 1. PMID 16381901.High-throughput mapping of a dynamic signaling network in mammalian cells. Barrios-Rodiles M, et al. Science, 2005 Mar 11. PMID 15761153.Immunoaffinity profiling of tyrosine phosphorylation in cancer cells. Rush J, et al. Nat Biotechnol, 2005 Jan. PMID 15592455.From ORFeome to biology: a functional genomics pipeline. Wiemann S, et al. Genome Res, 2004 Oct. PMID 15489336.

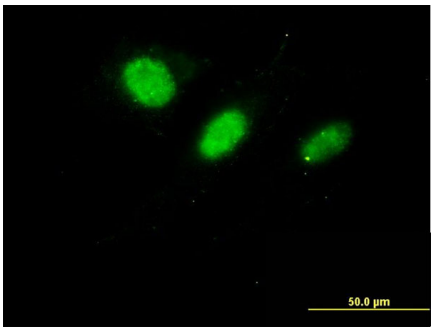
## Images



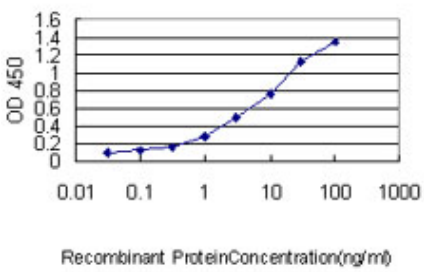

Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (78.98 KDa) .




DNAJC7 monoclonal antibody (M01), clone 4G6-G3 Western Blot analysis of DNAJC7 expression in Hela ( (Cat # AT1797a )




Immunofluorescence of monoclonal antibody to DNAJC7 on HeLa cell. [antibody concentration 10 ug/ml]




Detection limit for recombinant GST tagged DNAJC7 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'.