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TXNDC9 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant TXNDC9.
Catalog # AT4418a

Product Information

Application	WB, IF, E
Primary Accession	O14530
Other Accession	BC005968
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b kappa
Clone Names	1E8-7C12
Calculated MW	26534

Additional Information

Gene ID	10190
Other Names	Thioredoxin domain-containing protein 9, ATP-binding protein associated with cell differentiation, Protein 1-4, TXNDC9, APACD
Target/Specificity	TXNDC9 (AAH05968, 1 a.a. ~ 226 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	TXNDC9 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

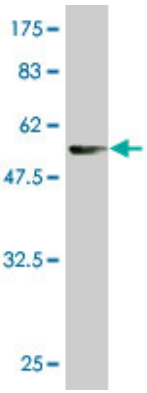
The protein encoded by this gene is a member of the thioredoxin family. The exact function of this protein is not known but it is associated with cell differentiation.

References

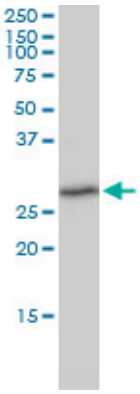
PhLP3 modulates CCT-mediated actin and tubulin folding via ternary complexes with substrates. Stirling PC, et al. J Biol Chem, 2006 Mar 17. PMID 16415341.A human protein-protein interaction network: a resource for annotating the proteome. Stelzl U, et al. Cell, 2005 Sep 23. PMID 16169070.Generation and annotation of the DNA sequences of human chromosomes 2 and 4. Hillier LW, et al. Nature, 2005 Apr 7. PMID 15815621.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.An evolutionarily conserved gene required for proper microtubule architecture in Caenorhabditis elegans. Ogawa S, et al. Genes Cells, 2004 Feb. PMID 15009089.

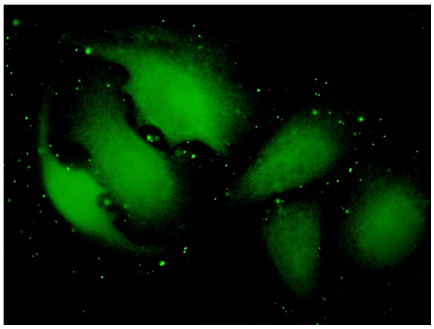
Images



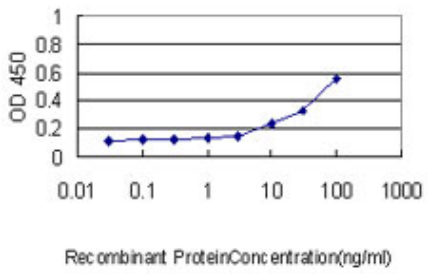
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (50.6 KDa) .



TXNDC9 monoclonal antibody (M02), clone 1E8-7C12 Western Blot analysis of TXNDC9 expression in K-562 ((Cat # AT4418a)



Immunofluorescence of monoclonal antibody to TXNDC9 on HeLa cell. [antibody concentration 50 ug/ml]



Detection limit for recombinant GST tagged TXNDC9 is approximately 0.3ng/ml as a capture antibody.

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