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TXNDC4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TXNDC4.
Catalog # AT4417a

Product Information

Application	WB, IHC, IP, E
Primary Accession	Q9BS26
Other Accession	BC005374
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	3C7
Calculated MW	46971

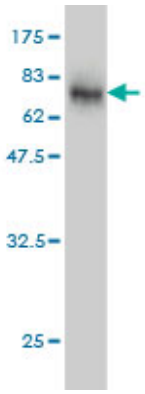
Additional Information

Gene ID	23071
Other Names	Endoplasmic reticulum resident protein 44, ER protein 44, ERp44, Thioredoxin domain-containing protein 4, ERP44, KIAA0573, TXNDC4
Target/Specificity	TXNDC4 (AAH05374, 30 a.a. ~ 406 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 IP~~N/A 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	TXNDC4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

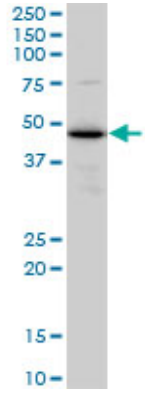
References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732.Crystal structure of human ERp44 shows a dynamic functional modulation by its carboxy-terminal tail. Wang L, et al. EMBO Rep, 2008 Jul. PMID 18552768.Multistep, sequential control of the trafficking and function of the multiple sulfatase deficiency gene product, SUMF1 by PDI, ERGIC-53 and ERp44. Fraldi A, et al. Hum Mol Genet, 2008 Sep 1. PMID 18508857.

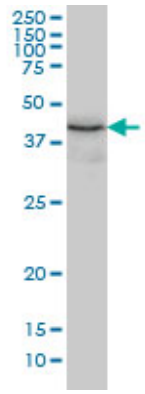
Images



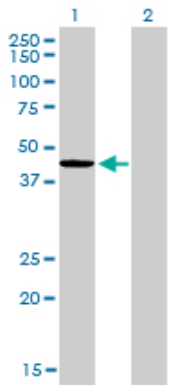
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (67.21 KDa) .



TXNDC4 monoclonal antibody (M01), clone 3C7. Western Blot analysis of TXNDC4 expression in A-431 ((Cat # AT4417a)



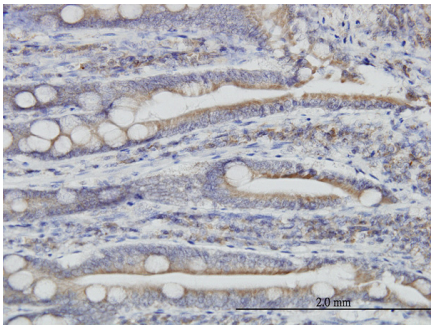
TXNDC4 monoclonal antibody (M01), clone 3C7 Western Blot analysis of TXNDC4 expression in K-562 ((Cat # AT4417a)

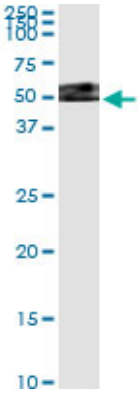


Western Blot analysis of TXNDC4 expression in transfected 293T cell line by TXNDC4 monoclonal antibody (M01), clone 3C7.

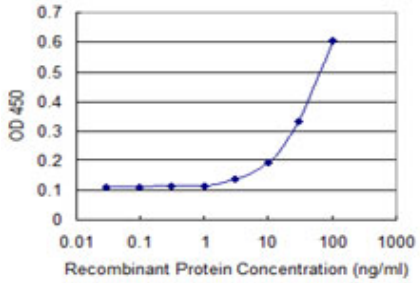
Lane 1: TXNDC4 transfected lysate(47 KDa).
Lane 2: Non-transfected lysate.

Immunoperoxidase of monoclonal antibody to TXNDC4 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]





Immunoprecipitation of TXNDC4 transfected lysate using anti-TXNDC4 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with TXNDC4 MaxPab rabbit polyclonal antibody.



Detection limit for recombinant GST tagged TXNDC4 is 1 ng/ml as a capture antibody.

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