

TXNDC4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TXNDC4.

Catalog # AT4417a

Specification

TXNDC4 Antibody (monoclonal) (M01) - Product Information

Application	IP, WB, IHC, E
Primary Accession	Q9BS26
Other Accession	BC005374
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	46971

TXNDC4 Antibody (monoclonal) (M01) - 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

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.

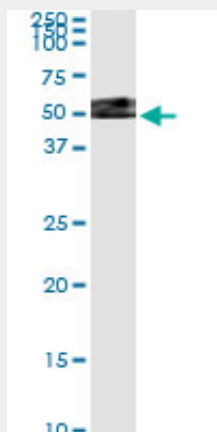
TXNDC4 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

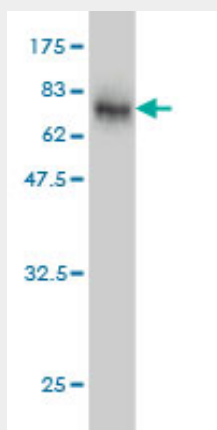
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

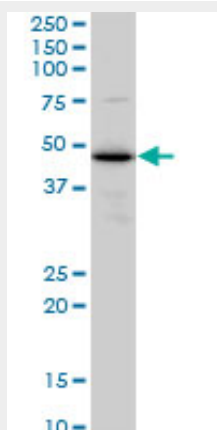
TXNDC4 Antibody (monoclonal) (M01) - Images



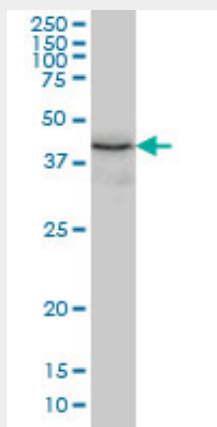
Immunoprecipitation of TXNDC4 transfected lysate using anti-TXNDC4 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with TXNDC4 MaxPab rabbit polyclonal antibody.



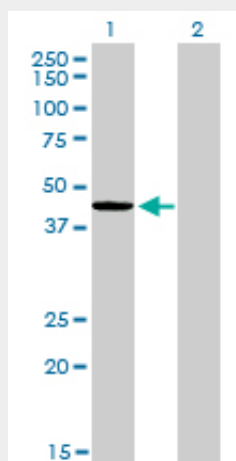
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (67.21 KDa) .



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



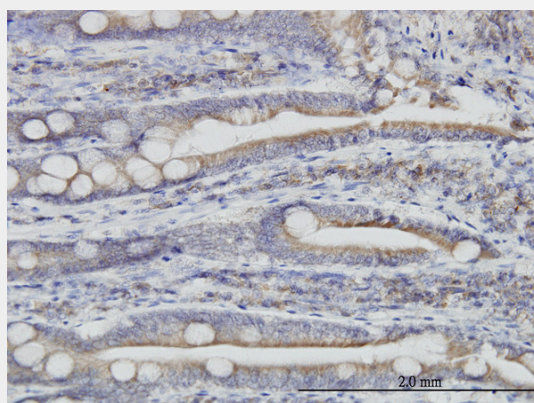
TXNDC4 monoclonal antibody (M01), clone 3C7 Western Blot analysis of TXNDC4 expression in K-562 (Cat # AT4417a)



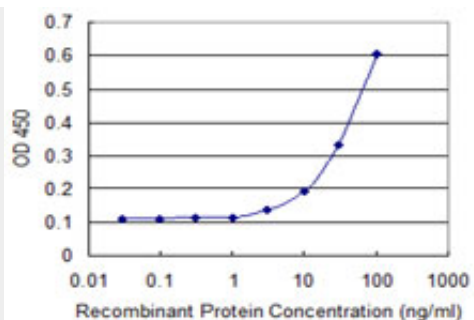
Western Blot analysis of TXNDC4 expression in transfected 293T cell line by TXNDC4 monoclonal antibody (M01), clone 3C7.

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]



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

TXNDC4 Antibody (monoclonal) (M01) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-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.