

TSC22D4 Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a full length recombinant TSC22D4.

Catalog # AT4376a

Product Information

Application	WB, IF, E
Primary Accession	Q9Y3Q8
Other Accession	BC001966
Reactivity	Human, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4G7
Calculated MW	41026

Additional Information

Gene ID	81628
Other Names	TSC22 domain family protein 4, TSC22-related-inducible leucine zipper protein 2, Tsc-22-like protein THG-1, TSC22D4, THG1, TILZ2
Target/Specificity	TSC22D4 (AAH01966, 1 a.a. ~ 395 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	TSC22D4 Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

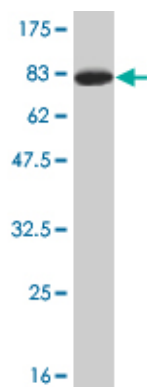
TSC22D4 is a member of the TSC22 domain family of leucine zipper transcriptional regulators (see TSC22D3; MIM 300506) (Kester et al., 1999 [PubMed 10488076]; Fiorenza et al., 2001 [PubMed 11707329]).

References

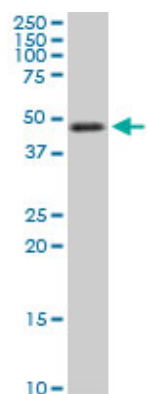
Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348. A protein-protein interaction network for human inherited ataxias and disorders of Purkinje cell degeneration. Lim J, et al. Cell, 2006 May 19. PMID 16713569. Towards a proteome-scale map

of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514. 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.

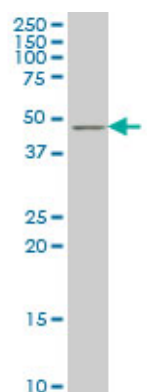
Images



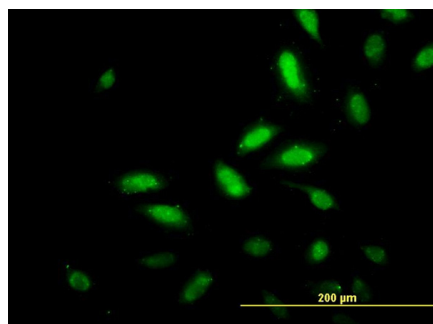
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (68.97 KDa) .



TSC22D4 monoclonal antibody (M07), clone 4G7. Western Blot analysis of TSC22D4 expression in PC-12 (Cat # AT4376a)

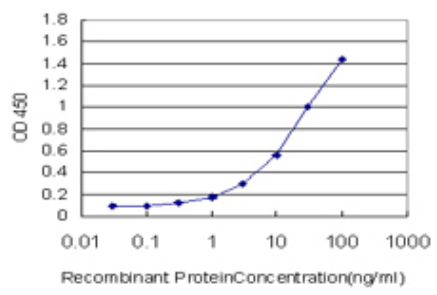


TSC22D4 monoclonal antibody (M07), clone 4G7 Western Blot analysis of TSC22D4 expression in HeLa S3 NE (Cat # AT4376a)



Immunofluorescence of monoclonal antibody to TSC22D4 on HeLa cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged TSC22D4 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'.