

TSC22D1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TSC22D1.

Catalog # AT4373a

Product Information

Application	WB, IF, E
Primary Accession	Q15714
Other Accession	BC000456
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	1G7
Calculated MW	109677

Additional Information

Gene ID	8848
Other Names	TSC22 domain family protein 1, Cerebral protein 2, Regulatory protein TSC-22, TGFB-stimulated clone 22 homolog, Transforming growth factor beta-1-induced transcript 4 protein, TSC22D1, KIAA1994, TGFB1I4, TSC22
Target/Specificity	TSC22D1 (AAH00456, 1 a.a. ~ 144 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	TSC22D1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

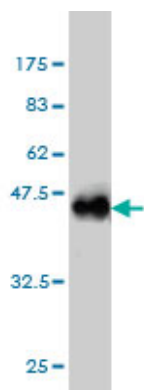
TSC22D1 encodes a transcription factor and belongs to the large family of early response genes.

References

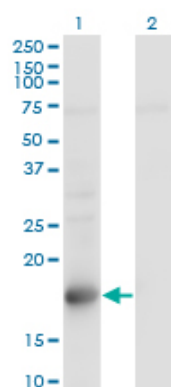
A TSC22-like motif defines a novel antiapoptotic protein family. Khoury CM, et al. FEMS Yeast Res, 2008 Jun. PMID 18355271. Interaction between fortilin and transforming growth factor-beta stimulated clone-22 (TSC-22) prevents apoptosis via the destabilization of TSC-22. Lee JH, et al. FEBS Lett, 2008 Apr 9. PMID 18325344. Expression and cellular localization of TSC-22 in normal salivary glands and salivary gland tumors:

implications for tumor cell differentiation. Doi Y, et al. Oncol Rep, 2008 Mar. PMID 18288391. Identification of TSC-22 as a potential tumor suppressor that is upregulated by Flt3-D835V but not Flt3-ITD. Lu Y, et al. Leukemia, 2007 Nov. PMID 17690703. TGF-beta1 and TSC-22 gene polymorphisms and susceptibility to microvascular complications in type 2 diabetes. Buraczynska M, et al. Nephron Physiol, 2007. PMID 17622752.

Images

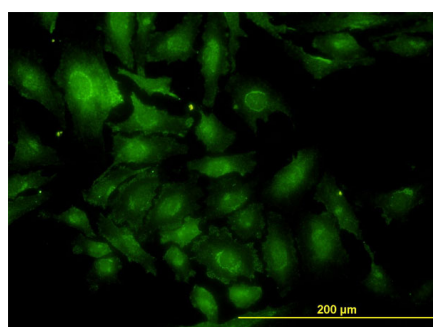


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (41.58 kDa) .

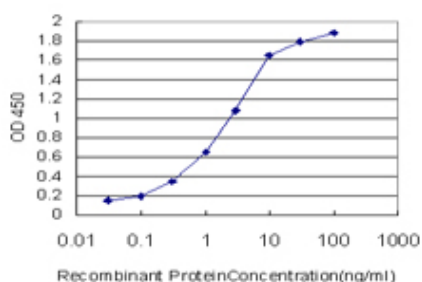


Western Blot analysis of TSC22D1 expression in transfected 293T cell line by TSC22D1 monoclonal antibody (M01), clone 1G7.

Lane 1: TSC22D1 transfected lysate (15.7 kDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to TSC22D1 on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged TSC22D1 is approximately 0.03 ng/ml as a capture antibody.

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