

VGLL1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant VGLL1.

Catalog # AT4510a

Product Information

Application	WB, E
Primary Accession	Q99990
Other Accession	NM_016267
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3C7
Calculated MW	28707

Additional Information

Gene ID	51442
Other Names	Transcription cofactor vestigial-like protein 1, Vgl-1, Protein TONDU, VGLL1, TDU
Target/Specificity	VGLL1 (NP_057351.1, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 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	VGLL1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

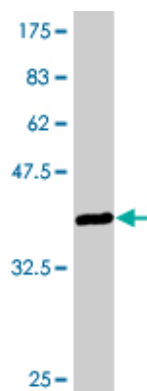
The protein encoded by this gene binds proteins of the TEA domain family of transcription factors (TEFs) through the Vg (vestigial) homology region found in its N-terminus. It may thus function as a specific coactivator for the mammalian TEFs.

References

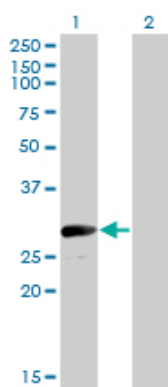
The DNA sequence of the human X chromosome. Ross MT, et al. Nature, 2005 Mar 17. PMID 15772651. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Generation and initial analysis of more than

15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. TONDU (TDU), a novel human protein related to the product of vestigial (vg) gene of *Drosophila melanogaster* interacts with vertebrate TEF factors and substitutes for Vg function in wing formation. Vaudin P, et al. Development, 1999 Nov. PMID 10518497.

Images

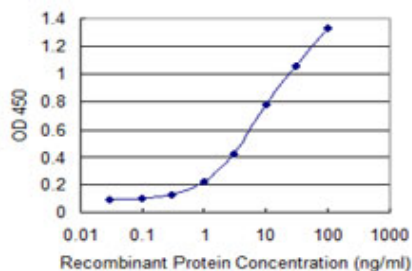


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



Western Blot analysis of VGLL1 expression in transfected 293T cell line by VGLL1 monoclonal antibody (M01), clone 3C7.

Lane 1: VGLL1 transfected lysate (28.7 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged VGLL1 is 0.1 ng/ml as a capture antibody.

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