

SOX13 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SOX13.

Catalog # AT3994a

Product Information

Application	WB
Primary Accession	Q9UN79
Other Accession	NM_005686
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3E9
Calculated MW	69228

Additional Information

Gene ID	9580
Other Names	Transcription factor SOX-13, Islet cell antigen 12, SRY (Sex determining region Y)-box 13, Type 1 diabetes autoantigen ICA12, SOX13
Target/Specificity	SOX13 (NP_005677, 25 a.a. ~ 138 a.a) partial 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	SOX13 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

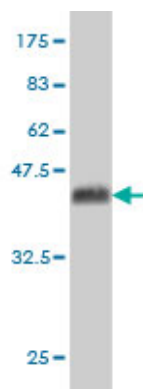
This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. It has also been determined to be a type-1 diabetes autoantigen, also known as islet cell antibody 12.

References

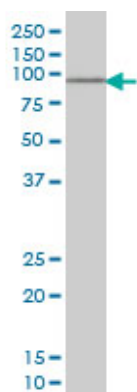
Interaction between Hhex and SOX13 modulates Wnt/TCF activity. Marfil V, et al. J Biol Chem, 2010 Feb 19. PMID 20028982. Follow-up of a major linkage peak on chromosome 1 reveals suggestive QTLs associated

with essential hypertension: GenNet study. Ehret GB, et al. Eur J Hum Genet, 2009 Dec. PMID 19536175. Functional proteomics mapping of a human signaling pathway. Colland F, et al. Genome Res, 2004 Jul. PMID 15231748. SOX13 autoantibodies are likely to be a supplementary marker for type 1 diabetes in Korea. Park Y, et al. Ann N Y Acad Sci, 2003 Nov. PMID 14679071. 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.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.28 KDa) .



SOX13 monoclonal antibody (M01), clone 3E8 Western Blot analysis of SOX13 expression in Jurkat (Cat # AT3994a)

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