

SOX13 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant SOX13.****Catalog # AT3994a****Specification**

SOX13 Antibody (monoclonal) (M01) - Product Information

Application	WB
Primary Accession	O9UN79
Other Accession	NM_005686
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	69228

SOX13 Antibody (monoclonal) (M01) - 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.

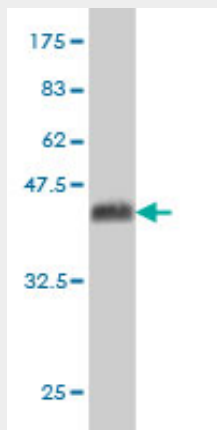
SOX13 Antibody (monoclonal) (M01) - Protocols

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

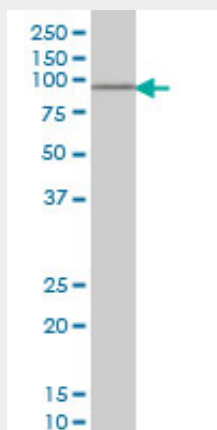
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

SOX13 Antibody (monoclonal) (M01) - 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)

SOX13 Antibody (monoclonal) (M01) - 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.

SOX13 Antibody (monoclonal) (M01) - 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.