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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	Q9UN79
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.

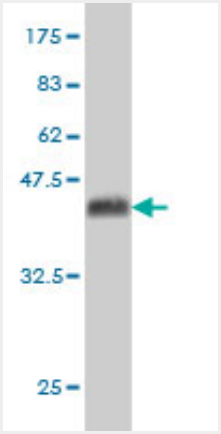
SOX13 Antibody (monoclonal) (M01) - Protocols

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

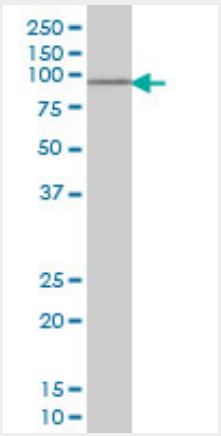
- Western Blot
- Blocking Peptides
- Dot Blot

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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.