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SOX30 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant SOX30.
Catalog # AT3998a

Product Information

Application	WB, IF
Primary Accession	O94993
Other Accession	NM_178424
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6H1
Calculated MW	81854

Additional Information

Gene ID	11063
Other Names	Transcription factor SOX-30, SOX30
Target/Specificity	SOX30 (NP_848511, 644 a.a. ~ 753 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
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	SOX30 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

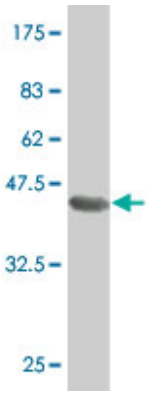
This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The protein may be involved in the differentiation of developing male germ cells. Two transcript variants encoding distinct isoforms have been identified for this gene.

References

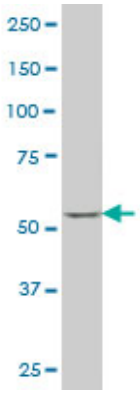
Gene expression profiles of human trabecular meshwork cells induced by triamcinolone and dexamethasone. Fan BJ, et al. Invest Ophthalmol Vis Sci, 2008 May. PMID 18436822.Toward a confocal

subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.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.Origin and diversity of the SOX transcription factor gene family: genome-wide analysis in Fugu rubripes. Koopman P, et al. Gene, 2004 Mar 17. PMID 15019997.

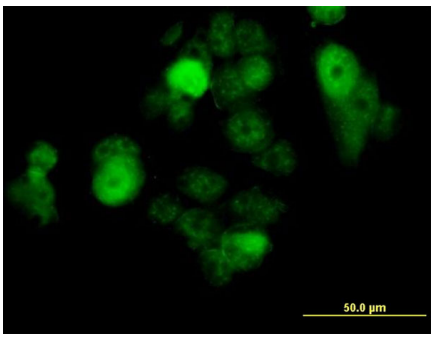
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



SOX30 monoclonal antibody (M02), clone 6H1 Western Blot analysis of SOX30 expression in MCF-7 ((Cat # AT3998a)



Immunofluorescence of monoclonal antibody to SOX30 on MCF-7 cell . [antibody concentration 10 ug/ml]