

## SOX15 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full-length recombinant SOX15.

Catalog # AT3995a

### Product Information

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<b>Application</b>	WB, IHC, E
<b>Primary Accession</b>	<a href="#">O60248</a>
<b>Other Accession</b>	<a href="#">BC000985</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2a Kappa
<b>Clone Names</b>	2C1
<b>Calculated MW</b>	25251

### Additional Information

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<b>Gene ID</b>	6665
<b>Other Names</b>	Protein SOX-15, Protein SOX-12, Protein SOX-20, SOX15, SOX12, SOX20, SOX26, SOX27
<b>Target/Specificity</b>	SOX15 (AAH00985, 1 a.a. ~ 233 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500 E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	SOX15 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

### Background

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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.

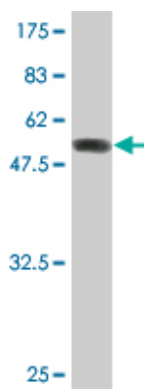
### References

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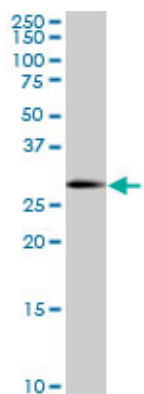
Identification of NR5A1 (SF-1/AD4BP) gene expression modulators by large-scale gain and loss of function studies. Sakai N, et al. J Endocrinol, 2008 Sep. PMID 18579725. Overexpression of SOX15 inhibits proliferation of NT2/D1 cells derived from a testicular embryonal cell carcinoma. Yan HT, et al. Mol Cells, 2007 Dec 31.

PMID 18182846.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.Twenty pairs of sox: extent, homology, and nomenclature of the mouse and human sox transcription factor gene families. Schepers GE, et al. Dev Cell, 2002 Aug. PMID 12194848.

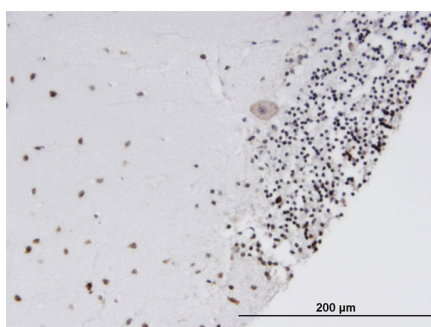
## Images



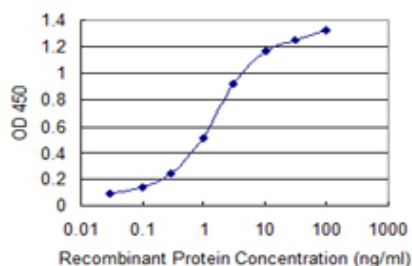
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (51.37 KDa) .



SOX15 monoclonal antibody (M02), clone 2C1. Western Blot analysis of SOX15 expression in Hela S3 NE ( (Cat # AT3995a )



Immunoperoxidase of monoclonal antibody to SOX15 on formalin-fixed paraffin-embedded human cerebellum. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged SOX15 is 0.03 ng/ml as a capture antibody.

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