

Rabbit anti-Human SOX1 Monoclonal Antibody | anti-SOX1 antibody

SOX1 Rabbit mAb

CATALOG # AAA283014	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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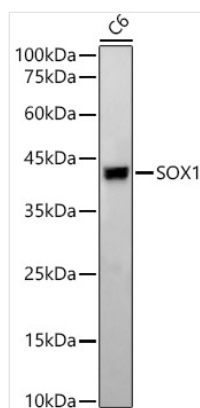
PRODUCT SYNONYMS

SOX1; Monoclonal Antibody; SOX1 Rabbit mAb; SRY-box 1; anti-SOX1 antibody

PRODUCT SPECIFICATIONS

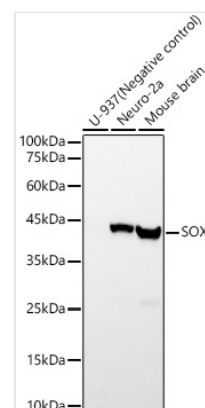
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MYSMMETDL HSPGGAQAPT NLSGPAGAGG GGGGGGGGGG GGGAKANQDR VKRPMNAFMV WSRGQRRKMA QENPKMHNSE ISKRLGAEWK VMSEAEKRPF
Applicable Applications for anti-SOX1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human SOX1. (NP_005977.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from C6 cells, using SOX1 Rabbit mAb (AAA283014) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of various lysates, using SOX1 Rabbit mAb (AAA283014) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX1 antibody	This intronless 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 activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development.
Product Categories/Family for anti-SOX1 antibody	Epigenetics Nuclear Signaling; Transcription Factors; Neuroscience; Stem Cells; Neural Stem Cells; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	30179900
NCBI GeneID	6656
NCBI Accession #	NP_005977.2
NCBI GenBank Nucleotide #	NM_005986.2
UniProt Accession #	O00570; Q5W0Q1
Molecular Weight	Calculated MW: 39kDa
UniProt Protein Name	Transcription factor SOX-1
UniProt Gene Name	SOX1
UniProt Entry Name	SOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/sox1-antibody-western-blot-elisa/283014>