

Rabbit SOX6 Polyclonal Antibody | anti-SOX6 antibody

SOX6 antibody - middle region

CATALOG # AAA197537	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

SOX6; Polyclonal Antibody; SOX6 antibody - middle region; anti-SOX6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: YG MKTDGGSLAG NEMINGEDEM EMYDDYEDDP KSDYSSENEA PEAVSAN
Sequence Length	804
Applicable Applications for anti-SOX6 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SOX6
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-SOX6 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: HepG2 cell lysate

WB (Western Blot)

Host: Mouse
Target Name: SOX6
Sample Tissue: Mouse Skeletal Muscle
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SOX6 antibody	This is a rabbit polyclonal antibody against SOX6. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SOX6 is a member of the D subfamily of sex determining region y-related transcription factors that are characterized by a conserved DNA-binding domain termed the high mobility group box and by their ability to bind the minor groove of DNA. SOX6 is a transcriptional activator that is required for normal development of the central nervous system, chondrogenesis and maintenance of cardiac and skeletal muscle cells. SOX6 interacts with other family members to cooperatively activate gene expression.Members of the SOX gene family, such as SOX6, encode transcription factors defined by the conserved high mobility group (HMG) DNA-binding domain. Unlike most transcription factors, SOX transcription factors bind to the minor groove of DNA, causing a 70- to 85-degree bend and introducing local conformational changes (Cohen-Barak et al., 2001 [PubMed 11255018]).[supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-2696 AL136780.1 1-2696 2697-5158 AC009869.7 10394-12855
Product Categories/Family for anti-SOX6 antibody	Polyclonal; Transcription Factor; Signal Proteins; Transcription Regulation; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Transcription Factors; Cell Morphogenesis; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	1541310033
NCBI GeneID	55553
NCBI Accession #	NP_059978
NCBI GenBank Nucleotide #	NM_017508
UniProt Accession #	A8MRT1; P35712
Molecular Weight	89kDa
NCBI Official Full Name	transcription factor SOX-6 isoform b
NCBI Official Synonym Full Names	SRY-box 6
NCBI Official Symbol	SOX6
NCBI Official Synonym Symbols	SOXD; HSSOX6
NCBI Protein Information	transcription factor SOX-6

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.