Rabbit SOX6 Polyclonal Antibody | anti-SOX6 antibody

SOX6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323872	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

SOX6; Polyclonal Antibody; SOX6 Antibody; HSSOX 6; HSSOX6; SOX 6; sox6; SOX6_HUMAN; SOXD; SRY (sex determining region Y) box 6; SRY box 6; SRY box containing gene 6; Transcription factor SOX 6; Transcription factor Sox-6; Transcription factor SOX6; anti-SOX6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SOX6 antibody detects endogenous levels of total SOX6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	801
Applicable Applications for anti-SOX6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Expressed in a wide variety of tissues, most abundantly in skeletal muscle.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

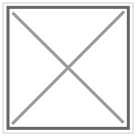
IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2, using SOX6 Antibody.



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells, using SOX6 antibody.The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)
AAA323872 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX6 antibody	Function: Transcriptional activator. Binds specifically to the DNA sequence 5'-AACAAT-3'. Plays a key role in several developmental processes, including neurogenesis and skeleton formation. Subunit Structure: Interacts with DAZAP2. Post-translational Modifications: Sumoylation inhibits the transcriptional activity.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224967050
NCBI GeneID	55553
NCBI Accession #	NP_001139283.1
NCBI GenBank Nucleotide #	NM_001145811.1
UniProt Accession #	P35712; Q86VX7; Q9BXQ3; Q9BXQ4; Q9BXQ5; Q9H0I8
Molecular Weight	Observed: 91 kD Predicted: 92 kDa
NCBI Official Full Name	transcription factor SOX-6 isoform 3
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
UniProt Protein Name	Transcription factor SOX-6
UniProt Gene Name	**SOX6**

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://stage.aaabiotech.com/polyclonal/sox6-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323872