

Rabbit SOX-6 Polyclonal Antibody | anti-SOX-6 antibody

Rabbit anti SOX-6 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71333	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunoprecipitation, ELISA, Western Blot

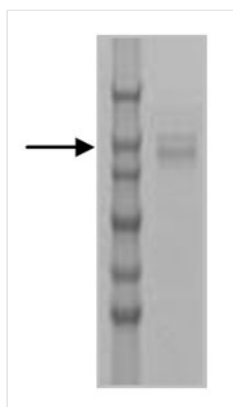
PRODUCT SYNONYMS

SOX-6; Polyclonal Antibody; Rabbit anti SOX-6 Polyclonal Antibody; SRY (sex determining region Y)-box 6; anti-SOX-6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	This antibody recognizes ~94 kDa of SOX6 protein. It cross-reacts to human, mouse, rat . The other species are not tested.
Purity/Purification	The Rabbit IgG is purified by Epitope Affinity Purification.
Form/Format	This affinity purified antibody is supplied in sterile phosphate-buffered saline (pH7.2) containing antibody stabilizer
Applicable Applications for anti-SOX-6 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), ELISA, WB (Western Blot)
Antigen Preparation	A synthetic peptide corresponding to the c-terminus (from 720AA-755aa) of human sox6 protein. This sequence is identical in human, mouse, rat, bovine, canis and chicken species.
Positive Control	Mouse embryos
Cellular Location	Nuclear
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C to 8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

IMAGES



WB (Western Blot)

The whole tissue lysate derived from Mouse embryos was separated in 10% SDS-PAGE, transferred onto NC membrane, and immunoblotted by Rabbit anti –SOX6 (AAA71333) antibody at 1:500. An immunoreactive band around ~94 kDa was observed.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX-6 antibody	SOX6 gene encodes 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 protein is a transcriptional activator that is specifically expressed in the developing central nervous system and in the early stages of chondrogenesis in mouse embryos. It is found to be essential to both cartilage formation/chondrogenesis and obesity-related insulin resistance. The SOX6 protein is also detected in glioma patient sera and brain tissues.
References	Wilmore, H.P., Smith, M.J., Wilcox, S.A., Bell, K.M. and Sinclair, A.H. SOX14 is a candidate gene for limb defects associated with BPES and Mobius syndrome. Hum. Genet. 106 (3), 269-276 (2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	938232
NCBI GeneID	55553
UniProt Accession #	P35712; Q86VX7; Q9BXQ3; Q9BXQ4; Q9BXQ5; Q9H0I8
Molecular Weight	~94 kDa
NCBI Official Full Name	SOX-6, partial
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.