

Product Name: Sox-6 Rabbit Polyclonal Antibody
Catalog #: APRab18139



Summary

Production Name	Sox-6 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	SOX6
Alternative Names	SOX6; Transcription factor SOX-6
Gene ID	55553.0
SwissProt ID	P35712.The antiserum was produced against synthesized peptide derived from human SOX6. AA range:10-59

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:5000.
Molecular Weight	91kD

Background

SRY-box 6(SOX6) Homo sapiens This gene encodes a member of the D subfamily of sex determining region y-related

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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. The encoded protein is a transcriptional activator that is required for normal development of the central nervous system, chondrogenesis and maintenance of cardiac and skeletal muscle cells. The encoded protein interacts with other family members to cooperatively activate gene expression. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Mar 2009],function:Transcriptional activator. Binds specifically to the DNA sequence 5'-AACAAAT-3'. Plays a key role in several developmental processes, including neurogenesis and skeleton formation.,PTM:Sumoylation inhibits the transcriptional activity.,similarity:Contains 1 HMG box DNA-binding domain.,subunit:Interacts with DAZAP2.,tissue specificity:Expressed in a wide variety of tissues, most abundantly in skeletal muscle.,

Research Area

Image Data



Western blot analysis of lysates from Jurkat cells, using SOX6 Antibody. The lane on the right is blocked with the synthesized peptide.

Note

For research use only.