

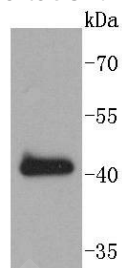
Anti-SOX18 Antibody (9P175)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 41 kDa.
Clone:	9P175
Purification:	ProA affinity purified

Applications

Verified Activity: 1. Western blot analysis of SOX18 on K562 cells lysates using anti-SOX18 antibody at 1/1,000 dilution.



Application:	IHC,WB
Recommended	WB: 1:1000; IHC: 1:50-200

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P35713
Synonyms:	Transcription factor SOX-18;HLTS;Transcription factor SOX 18;SOX 18;SRY box 18; SOX18_HUMAN;SRY (sex determining region Y) box 18

Research Background

Sox genes comprise a family of genes that are related to the mammalian sex determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. The highly complex group of Sox genes cluster at least 40 different loci that rapidly diverged in various animal lineages. At present, 30 Sox genes have been identified. Members of this family have been shown to be conserved during evolution and to play key roles during animal development. Some are involved in human diseases, including sex reversal. Sox-18 is a 384 amino acid nuclear protein that contains one HMG box DNA-binding domain and belongs to the Sox family of transcriptional

regulators.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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