Product Datasheet

SOX18 Rabbit mAb

Catalog No: #48852

Package Size: #48852-1 50ul #48852-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

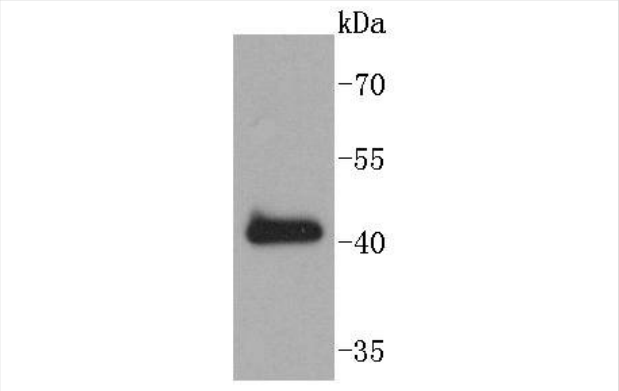
Description

Product Name	SOX18 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	ST43-02
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	HLTS antibody SOX 18 antibody Sox18 antibody SOX18_HUMAN antibody SRY (sex determining region Y) box 18 antibody SRY box 18 antibody Transcription factor SOX 18 antibody Transcription factor SOX-18 antibody
Accession No.	Swiss-Prot#:P35713
Uniprot	P35713
GeneID	54345;
Calculated MW	41 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000IHC:1:50-1:200

Images



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

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.

References

Note: This product is for in vitro research use only