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Datasheet for ABIN7270572
anti-SOX18 antibody (AA 1-100)

1 Image

Overview

Quantity:	100 µL
Target:	SOX18
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX18 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SOX18 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SOX18 (NP_060889.1).
Sequence:	MQRSPPGYGA QDDPPARRDC AWAPGHGAAA DTRGLAAGPA ALAAPAAPAS PPSPQRSPPR SPEPGRYGLS PAGRGERQAA DESRIRRP MN AFMVWAKDER
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

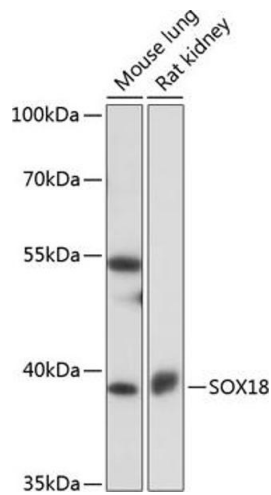
Target:	SOX18
Alternative Name:	SOX18 (SOX18 Products)
Background:	<p>This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. This protein plays a role in hair, blood vessel, and lymphatic vessel development. Mutations in this gene have been associated with recessive and dominant forms of hypotrichosis-lymphedema-telangiectasia.,SOX18,HLTRS,HLTS,Epigenetics & Nuclear Signaling,Transcription Factors,SOX18</p>
Molecular Weight:	40kDa
Gene ID:	54345
UniProt:	P35713

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using SOX18 antibody (ABIN7270572) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.