

Product Name: SOX18 (7L17) Rabbit Monoclonal Antibody**Catalog #: AMRe18133**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000
Molecular Weight	41kDa

Antigen Information

Gene Name	SOX18
Alternative Names	HLTS; Sox18 ; SRY box 18; Transcription factor SOX 18;
Gene ID	54345.0
SwissProt ID	P35713
Immunogen	A synthetic peptide of human SOX18

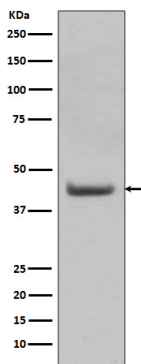
Background

Binds to the consensus sequence 5'-AACAAAG-3' and is able to trans-activate transcription via this site. Defects in SOX18 are

the cause of hypotrichosis-lymphedema-telangiectasia syndrome (HLTS) [MIM:607823]. Transcriptional activator that binds to the consensus sequence 5'-AACAAAG-3' in the promoter of target genes and plays an essential role in embryonic cardiovascular development and lymphangiogenesis. Activates transcription of PROX1 and other genes coding for lymphatic endothelial markers. Plays an essential role in triggering the differentiation of lymph vessels, but is not required for the maintenance of differentiated lymphatic endothelial cells. Plays an important role in postnatal angiogenesis, where it is functionally redundant with SOX17. Interaction with MEF2C enhances transcriptional activation. Besides, required for normal hair development.

Research Area

Image Data



Western blot analysis of SOX18 expression in (1) K562 cell lysate; (2) human stomach lysate.