

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

---

## Summary

<b>Production Name</b>	SOX18 (7L17) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	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.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	SOX18
<b>Alternative Names</b>	HLTS; Sox18 ; SRY box 18; Transcription factor SOX 18;
<b>Gene ID</b>	54345.0
<b>SwissProt ID</b>	P35713.

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000
<b>Molecular Weight</b>	41kDa

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

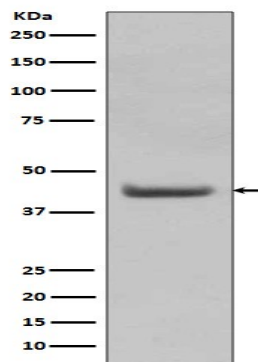
---

## 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.

## Note

For research use only.