


Product datasheet

Anti-SOX18 antibody ab66145

[2 References](#) [1 Image](#)

Overview

Product name	Anti-SOX18 antibody
Description	Mouse polyclonal to SOX18
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Recombinant fragment Predicted to work with: Mouse, Rat, Cow, Rhesus monkey 
Immunogen	Recombinant fragment with tag: EPGRYGLSPA GRGERQAADE SRIRRP MNAF MVWAKDERKR LAQQNPDLHN AVLSKMLGKA WKELNAAEK RPFVVEEAERLR VQHLRDHP, corresponding to amino acids 63-151 of Human SOX18 Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Partial recombinant tagged SOX18.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: Whole serum, 50% Glycerol (glycerin, glycerine)
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab66145 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		

Application notes

ELISA: Use at an assay dependent dilution.

WB: 1/1000 - 1/2500. Predicted molecular weight: 41 kDa.

This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

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

Involvement in disease

Defects in SOX18 are the cause of hypotrichosis-lymphedema-telangiectasia syndrome (HLTS) [MIM:607823].

Sequence similarities

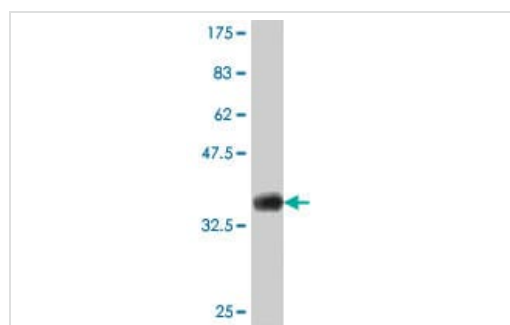
Contains 1 HMG box DNA-binding domain.

Contains 1 Sox C-terminal domain.

Cellular localization

Nucleus.

Images



Western blot - Anti-SOX18 antibody (ab66145)

Western blot against tagged recombinant protein immunogen using ab66145 SOX18 antibody at 1/1000 dilution. Predicted band size of immunogen is 36 kDa.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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