



[Go to Product page](#)

Datasheet for ABIN6992041
anti-SOX18 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	SOX18
Binding Specificity:	AA 40-90, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOX18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	SOX18 antibody was raised against a 17 amino acid peptide near the amino terminus of human SOX18. The immunogen is located within amino acids 40 - 90 of SOX18.
Isotype:	IgG
Specificity:	SOX18 antibody is human, mouse and rat reactive. SOX18 is predicted to not cross-react with other SOX proteins.
Purification:	SOX18 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SOX18
Alternative Name:	SOX18 (SOX18 Products)

Target Details

Background: SOX18 is 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 cell fate (1,2). SOX18 is part of the SoxF subgroup which plays an important role in the differentiation of different cell types (3). SOX is known to be involved with vascularization and endothelial development, suggesting that it may be useful as a potential target for inhibiting tumor angiogenesis (4). Mutations in this gene have been associated with recessive and dominant forms of hypotrichosis-lymphedema-telangiectasia (5).

Molecular Weight: Predicted: 42 kDa

Observed: 44 kDa

Gene ID: 54345

NCBI Accession: [NP_060889](#)

UniProt: [P35713](#)

Application Details

Application Notes: SOX18 antibody can be used for detection of SOX18 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SOX18 antibody is supplied in PBS containing 0.02 % sodium azide.

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, 4 °C

Storage Comment: SOX18 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
