

## Anti-SOX18 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow,Rhesus monkey)
Molecular Weight:	Theoretical: 41 kDa. Actual: 41 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Protein: Heart (Mouse) Cell lysate at 40 µg; Primary: rabbit Anti-SOX18 (TMAB-13060) at 1:300; Secondary: HRP conjugated Goat-Anti-rabbit IgG at 1: 5000; Predicted band size: 41 kD Observed band size: 41 kD
Application:	WB
Recommended	WB: 1:500-2000

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human SOX18
Antigen Species:	Human
Gene ID:	54345
Uniprot ID:	P35713

## Research Background

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. [provided by RefSeq, Jul 2008]

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