

bs-17135R**[Primary Antibody]****SOX18 Rabbit pAb****BioSS**
ANTIBODIES

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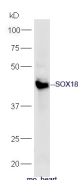
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GeneID: 54345	SWISS: P35713	
Target: SOX18		
Immunogen: KLH conjugated synthetic peptide derived from human SOX18: 101-200/384.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Reactivity: Mouse (predicted: Human, Rat, Pig, Cow, Dog, Rhesus monkey)
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]		Predicted MW.: 41 kDa
		Subcellular Location: Nucleus

— VALIDATION IMAGES —

Protein: heart(mouse)cell lysate at 40ug;
Primary: rabbit Anti-SOX18 (bs-17135R) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit
IgG(bs-0295G-HRP) at 1: 5000; Predicted band
size: 41 kD Observed band size: 41 kD

— SELECTED CITATIONS —

- **[IF=5.6]** Mingliang He. et al. SOX18 Promotes the Proliferation of Dermal Papilla Cells via the Wnt/ β -Catenin Signaling Pathway. INT J MOL SCI. 2023 Jan;24(23):16672 IF ;Sheep. 38068994
- **[IF=3]** Xiaoyang Lv. et al. SP1 and KROX20 Regulate the Proliferation of Dermal Papilla Cells and Target the CUX1 Gene. ANIMALS. 2024 Jan;14(3):429 IF ;Sheep. 10.3390/ani14030429