

**bsm-52229R****[ Primary Antibody ]**

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**SOX10 Recombinant Rabbit mAb****— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 26D7**GeneID:** 6663**SWISS:** P56693**Target:** SOX10**Immunogen:** A synthesized peptide derived from human SOX10: 401-466/466.**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.

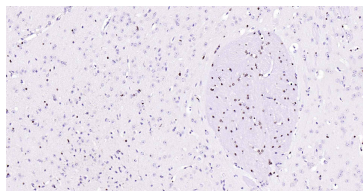
**Background:** This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. Mutations in this gene are associated with Waardenburg-Shah and Waardenburg-Hirschsprung disease. [provided by RefSeq, Jul 2008]

**Applications:** **WB** (1:500-1000)  
**IHC-P** (1:100-500)  
**IHC-F** (1:50-200)  
**IF** (1:50-200)  
**ICC/IF** (1:50-200)

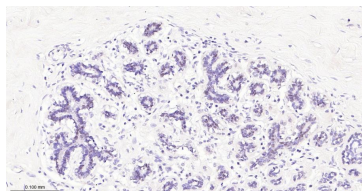
**Reactivity:** Human, Mouse, Rat

**Predicted  
MW.:** 50 kDa

**Subcellular  
Location:** Cytoplasm ,Nucleus

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SOX10 Monoclonal Antibody, Unconjugated(bsm-52229R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Breast ; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SOX10 Monoclonal Antibody, Unconjugated(bsm-52229R) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit(Rabbit, SP-0023) and DAB (C-0010) staining.