

## Recombinant SOX10 Monoclonal Antibody

catalog number: AN300714L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

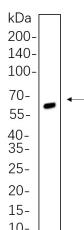
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human SOX10 protein
Host	Rabbit
Isotype	IgG,k
Clone	B653
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

### Applications

### Recommended Dilution

IHC	1:1000-1:4000
WB	1:2000-1:10000
IF	1:200-1:1000
ELISA	1:5000-1:20000

### Data



Western Blot with Recombinant SOX10 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: C6 whole cell lysate.

**Observed-MW:62 kDa**

**Calculated-MW:50 kDa**

### Preparation & Storage

**Storage** Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

**Shipping** Ice bag

### 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.

### For Research Use Only

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