

<b>Cat. No:</b>	AB-10868
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic Peptide of human SOX10
<b>Reactivity:</b>	Hu,Ms,Rt
<b>Applications:</b>	Western Blot: 1:500 - 1:1000 Immunohistochemistry: 1:50 - 1:50 Immunofluorescence: 1:50 - 1:200
<b>Molecular Weight:</b>	55kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	SOX10;DOM;PCWH;WS2E;WS4;WS4C

**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.

<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.

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