

Cat. No:	AB-84777
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence in the middle region of human SOX10, which shares 97.1% amino acid (aa) sequence identity with both mouse and rat SOX10.
Reactivity:	Human, Mouse, Rat
Applications:	Western blot, 0.1-0.5ug/ml Flow Cytometry, 1-3ug/1x10 ⁶ cells
Molecular Weight:	60kDa
Synonyms:	Lyophilized
Background:	<p>Transcription factor SOX-10 is a protein that in humans is encoded by the SOX10 gene. This gene encodes a member of the SOX (SRY-related HMGbox) 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.</p>
Form:	Lyophilized
Buffer:	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ .
Storage:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

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