

## Goat anti-SOX10 Antibody

Item Number	dAP-2951
Target Molecule	Principle Name: SOX10; Official Symbol: SOX10; All Names and Symbols: SOX10; SRY (sex determining region Y)-box 10 ; DOM; MGC15649; WS4; OTTHUMP00000028515; SRY-related HMG-box gene 10; dominant megacolon, mouse, human homolog of; Accession Number (s): NP_008872.1; Human Gene ID (s): 6663; Non-Human GeneID(s):
Immunogen	DAKAQVKTETAGPQ, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 49.9kDa according to NP_008872.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Ghislain J, Charnay P. Control of myelination in Schwann cells: a Krox20 cis-regulatory element integrates Oct6, Brn2 and Sox10 activities. EMBO Rep. 2006 Jan;7(1):52-8.. PMID: 16311519 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**