

Goat anti-SOX8 (aa 247 to 258) Antibody

Item Number	dAP-1245
Target Molecule	Principle Name: SOX8 (aa 247 to 258); Official Symbol: SOX8; All Names and Symbols: SRY (sex determining region Y)-box 8; MGC24837; SOX8; Accession Number (s): NP_055402.2; Human Gene ID(s): 30812; Non-Human GenID(s): 20681 (mouse)
Immunogen	EGRRPVDSGRQN, is from internal region
Applications	Pep ELISA Species Tested:
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 8000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Cerebellum), Mouse Brain and Rat Brain lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any
IHC	
Reference	Reference(s): O'Donnell M, Hong CS, Huang X, Delnicki RJ, Saint-Jeannet JP. Functional analysis of Sox8 during neural crest development in <i>Xenopus</i> . <i>Development</i> . 2006 Oct;133(19):3817-26. Epub 2006 Aug 30.. PMID: 16943273->

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**