

Goat anti-SOX21 Antibody

Item Number	dAP-2103
Target Molecule	Principle Name: SOX21; Official Symbol: SOX21; All Names and Symbols: SOX21; SRY (sex determining region Y)-box 21; SOX25; SRY-box 21; Accession Number (s): NP_009015.1; Human Gene ID(s): 11166; Non-Human GeneID(s): 223227 (mouse) 306168 (rat)
Immunogen	GVADAEHPALKAG, 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 16000.
Western Blot	Western Blot: Preliminary experiments gave an approx 38kDa band in Mouse Fetal Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 2
IHC	
Reference	Reference(s): Schepers GE, Teasdale RD, Koopman P, Twenty pairs of sox: extent, homology, and nomenclature of the mouse and human sox transcription factor gene families. Developmental cell 2002 Aug 3 (2): 167-70..PMID: 12194848->

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 ender users! This product is sold for **Research Use Only**