

Goat anti-FOXP2 (C terminus) Antibody

Item Number	dAP-0015
Target Molecule	Principle Name: FOXP2 (C terminus); Official Symbol: FOXP2; All Names and Symbols: FOXP2; forkhead box P2; SPCH1; CAGH44; TNRC10; CAG repeat protein 44; speech and language disorder 1; trinucleotide repeat containing 10; forkhead/winged-helix transcription factor; DKFZp686H1726; OT-THUMP00000196932; Accession Number (s): NP_055306.1; NP_683696.2; NP_683697.1; Human Gene ID(s): 93986; Non-Human GeneID(s):
Immunogen	REIEEEPLSEDL, is from C Terminus This antibody is expected to recognise all three reported isoforms (NP_055306.1; NP_683696.2; NP_683697.1).
Applications	Pep ELISA, WB, IHC 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 32000.
Western Blot	Western Blot: Approx 80kDa band observed in Human Brain (Cerebellum) lysate (calculated MW of 79.9kDa according to NP_055306.1). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse, Rat a
IHC	Immunohistochemistry: Paraffin embedded Human Testis. Recommended concentration: 5µg/ml.
Reference	Reference(s): Lai CS, Fisher SE, Hurst JA, Vargha-Khadem F, Monaco AP. A forkhead-domain gene is mutated in a severe speech and language disorder. Nature 2001 Oct 4;413(6855):519-23.PMID: 11586359 ->

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**