

Goat anti-FOXP4 Antibody

Item Number	dAP-0456
Target Molecule	Principle Name: FOXP4; Official Symbol: FOXP4; All Names and Symbols: FOXP4; forkhead box P4; winged-helix repressor FOXP4; fork head-related protein like A; FLJ40908; FLJ44184; hFKHLA; OT-THÜMP0000043536; Accession Number (s): NP_001012426.1; NP_612466.1; NP_001012427.1; Human Gene ID(s): 116113; Non-Human GenelD(s): 74123 (mouse)
Immunogen	VESASETIRSAAPSG, is from N Terminus This antibody is expected to recognize all three reported isoforms (NP_001012426.1; NP_612466.1; NP_001012427.1).
Applications	Pep ELISA, WB Trf 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 4000.
Western Blot	Western Blot: Customer's experiments gave a band at approx 75kDa in lysates of FOXP4-transfected HEK293 (calculated MW of 73.5kDa according to NP_001012426.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Li S, Weidenfeld J, Morrisey EE. Transcriptional and DNA binding activity of the Foxp1/2/4 family is modulated by heterotypic and homotypic protein interactions. Mol Cell Biol. 2004 Jan;24(2):809-22. PMID: 14701752 ->

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**