

Goat anti-HOXD10 Antibody

Item Number	dAP-1593
Target Molecule	Principle Name: HOXD10; Official Symbol: HOXD10; All Names and Symbols: HOXD10; homeobox D10; HOX4; HOX4D; HOX4E; Hox-4.4; homeo box 4D; homeo box D10; Accession Number (s): NP_002139.2; Human Gene ID(s): 3236; Non-Human GenelD(s): 15430 (mouse) 303991 (rat)
Immunogen	PNRSCRIEQPVTQQ, is from internal region
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. 37 kDa band observed in Human Kidney lysates (calculated MW of 38.4 kDa according to NP_002139.2). Recommended concentration: 0.2-0.6µg/ml. Additional bands of unknown identity were also consistently observed at 90+26 kDa. These bands
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows nuclear staining in some epithelial cells of PCT. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Myers C, Charboneau A, Cheung I, Hanks D, Boudreau N. Sustained expression of homeobox D10 inhibits angiogenesis. Am J Pathol. 2002 Dec;161(6):2099-109. PMID: 12466126->

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**