

## Goat anti-FOXD2 Antibody

Item Number	dAP-0210
Target Molecule	Principle Name: FOXD2; Official Symbol: FOXD2; All Names and Symbols: FOXD2; forkhead box D2; FKHL17; FREAC9; freac-9; forkhead-related activator 9; forkhead (Drosophila)-like 17; Forkhead, drosophila, homolog-like 17; FREAC-9; forkhead-like 17; Accession Number (s): NP_004465.3; Human Gene ID(s): 2306; Non-Human GenelD(s): 17301 (mouse)
Immunogen	FASKVAGLSGCHF, is from C Terminus
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: No signal obtained yet but low background observed in Human Kidney and 293 lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?
IHC	
Reference	Reference(s): Johansson CC, Dahle MK, Blomqvist SR, Gronning LM, Aandahl EM, Enerback S, Tasken K. A winged helix forkhead (FOXD2) tunes sensitivity to cAMP in T lymphocytes through regulation of cAMP-dependent protein kinase Ralpha. <i>J Biol Chem.</i> 2003 May 9;278(19):17573-9. Epub 2003 Mar 05.. PMID: 12670312

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**