

Goat anti-FOXC1 (internal) Antibody

Item Number	dAP-0721
Target Molecule	Principle Name: FOXC1 (internal); Official Symbol: FOXC1; All Names and Symbols: FOXC1; forkhead box C1; HGNC:3800; ARA; FKHL7; FREAC3; IGDA; IHG1; IRID1 ; Forkhead, drosophila, homolog-like 7; forkhead (Drosophila)-like 7; forkhead-related activator 3; iridogoniodysgenesis type 1; myeloid factor-delta; FREAC-3; RIEG3; forkhead/winged; Accession Number (s): NP_001444.2; Human Gene ID(s): 2296; Non-Human GeneID(s):
Immunogen	DAVKDKEEKDRLH, is from internal region
Applications	Pep ELISA, WB 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 55kDa band observed in lysates of cell line HEK293 (calculated MW of 56.8kDa according to NP_001444.2). Recommended concentration: 2-4µg/ml.
IHC	
Reference	Reference(s): Berry FB, O'Neill MA, Coca-Prados M, Walter MA. FOXC1 transcriptional regulatory activity is impaired by PBX1 in a filamin A-mediated manner. Mol Cell Biol. 2005 Feb;25(4):1415-24. PMID: 15684392 ->

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**