

Goat anti-FOXC1 (C Term) Antibody

Item Number	dAP-0215
Target Molecule	Principle Name: FOXC1 (C Term); Official Symbol: FOXC1; All Names and Symbols: FOXC1; forkhead box C1; ARA; IGDA; IHG1; FKHL7; IRID1; FREAC3; iridogoniodysgenesis type 1; forkhead (Drosophila)-like 7; forkhead-related activator 3; Forkhead, drosophila, homolog-like 7; FREAC-3; RIEG3; forkhead/winged helix-like transcription factor 7; Accession Number (s): NP_001444.2; Human Gene ID(s): 2296; Non-Human GenID(s): 17300 (mouse)
Immunogen	RTSGAFVYDCSKF, is from C Terminus
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: In transfected HEK293 transiently expressing full-length Human FOXC1 (myc and DYKDDDDK tagged), a band of approx. 75kDa was observed. No bands were observed in mock-transfected and the same band was observed using anti-DYKDDDDK tag antibody
IHC	
Reference	Reference(s): Zhou Y, Kato H, Asanoma K, Kondo H, Arima T, Kato K, Matsuda T, Wake N. Identification of FOXC1 as a TGF-beta1 responsive gene and its involvement in negative regulation of cell growth. <i>Genomics</i> . 2002 Nov;80(5):465-72.. PMID: 12408963->

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**