

Goat anti-FOXO1 Antibody

Item Number	dAP-1075
Target Molecule	Principle Name: FOXO1; Official Symbol: FOXO1; All Names and Symbols: FOXO1; forkhead box O1; FKH1; FKHR; FOXO1A ; forkhead box O1A; forkhead, Drosophila, homolog of, in rhabdomyosarcoma; Accession Number (s): NP_002006.2; Human Gene ID(s): 2308; Non-Human GeneID(s):
Immunogen	QDNKSSYGGMSQYNC, 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 128000.
Western Blot	Western Blot: Approx 60-65kDa band observed in Human Umbilical Cord lysates (calculated MW of 69.7kDa according to NP_002006.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Paik JH, Kollipara R, Chu G, Ji H, Xiao Y, Ding Z, Miao L, Tothova Z, Horner JW, Carrasco DR, Jiang S, Gilliland DG, Chin L, Wong WH, Castrillon DH, DePinho RA. FoxOs are lineage-restricted redundant tumor suppressors and regulate endothelial cell homeostasis. Cell. 2007 Jan 26;128(2):309-23.

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**