

Goat anti-FOXO3A / FOXO3 / FKHRL1 Antibody

Item Number	dAP-0446
Target Molecule	Principle Name: FOXO3A / FOXO3 / FKHRL1; Official Symbol: FOXO3; All Names and Symbols: FOXO3; FOXO3A; FKHRL1; AF6q21; FKHRL1P2; MGC12739; MGC31925; DKFZp781A0677; forkhead box O3A; forkhead (Drosophila) homolog; FOXO2; forkhead homolog (rhabdomyosarcoma) like 1; forkhead, Drosophila, homolog of, in rhabdomyosarcoma-like 1 (rhabdomyosarcoma); Accession Number (s): NP_001446.1; Human Gene ID(s): 2309; Non-Human GeneID(s): 56484 (mouse)
Immunogen	GAKQASSQSWVPG, is from C Terminus Both variants represent identical protein (NP_001446.1 and NP_963853.1).
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 8000.
Western Blot	Western Blot: Approx 70kDa band observed in Human Heart lysates (calculated MW of 71.3kDa according to NP_001446.1). Recommended concentration: 0.1-1 µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Brunet A, Bonni A, Zigmond MJ, Lin MZ, Juo P, Hu LS, Anderson MJ, Arden KC, Blenis J, Greenberg ME. Akt promotes cell survival by phosphorylating and inhibiting a Forkhead transcription factor. Fusion with MLL in leukemia Cell. 1999 Mar 19;96(6):857-68. .PMID: 10102273 ->

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**