

Goat anti-FOXO4 / MLLT7 Antibody

Item Number	dAP-1063
Target Molecule	Principle Name: FOXO4 / MLLT7; Official Symbol: FOXO4; All Names and Symbols: MLLT7; FOXO4; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila) translocated to, 7; AFX; AFX1; MGC120490 ; myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog) translocated to, 7; Accession Number (s): NP_005929.2; Human Gene ID(s): 4303; Non-Human GeneID(s):
Immunogen	EAASQDRMPQDLD, is from internal region
Applications	Pep ELISA, WB, EIA 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 64000.
Western Blot	Western Blot: Approx 60-65kDa band observed in lysates of cell line K562 (calculated MW of 53.7kDa according to NP_005929.2). 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**