

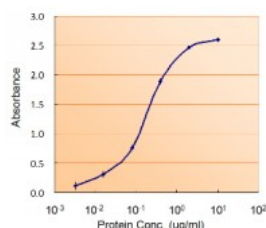


FOXO4 Antibody

CATALOG NUMBER: 45-623



Western Blot (1ug/ml) staining of K562 cell lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Antibody used in Sandwich ELISA as detection antibody (0.5ug/ml).

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	EIA, ELISA, WB
APPLICATIONS:	ELISA: antibody detection limit dilution 1:64000. 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: 1-3ug/ml. Enzyme immunoassay: Sandwich-type ELISA with increasing amount of recombinant FOXO4 captured by a rabbit antibody. Recommended reporter concentration: 0.5-1ug/ml
POSITIVE CONTROL:	1) Cat. No. 1204 - K562 Cell Lysate
IMMUNOGEN:	FOXO4 antibody was raised against a 13 amino acid synthetic peptide near the internal region of FOXO4.
HOST SPECIES:	Goat

Properties

PURIFICATION:	FOXO4 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	FOXO4 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MLLT7, myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila) translocated to, 7, AFX, AFX1, FOXO4, MGC120490, myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog) translocated to, MLLT7
ACCESSION NO.:	NP_005929.2
PROTEIN GI NO.:	103472003

OFFICIAL SYMBOL: FOXO4

GENE ID: 4303

Background

REFERENCES: 1) 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.

FOR RESEARCH USE ONLY

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