



FOXO1/3/4-pan (Phospho-Thr24/32) Antibody

E11-0483A

Catalog Number: E11-0483A

Concentration: 1mg/ml

Swiss-Prot No.: Q12778/O43524/P98177

Other Names: FKHR, FOXO1, Forkhead box protein O1A, Forkhead in rhabdomyosarcoma, AF6q21 protein, FKHR2, FKHL1, FOXO3, Forkhead box O3, Forkhead box protein O3A, Forkhead in rhabdomyosarcoma-like 1, AFX, AFX1, Afxh, Forkhead box protein O4, MLLT7, Putative forkhead domain AFX1, putative fork head domain AFX1

All Sites: Human: Thr24/32; Mouse: Thr24/32; Rat: Thr24/32

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human FOXO1/3/4-pan around the phosphorylation site of threonine 24/32 (S-C-T^P-W-P).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: FOXO1/3/4-pan (Phospho-Thr24/32) antibody detects endogenous levels of FOXO1/3/4-pan only when phosphorylated at threonine 24/32.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:5000

References:

Robert J. Southgate, J. Biol. Chem., Jul 2007; 282: 21176 - 21186.

Susumu Kodama, Mol. Cell. Biol., Sep 2004; 24: 7931 - 7940.

Dragan Marinkovic, J. Clin. Invest., Aug 2007; 117: 2133 - 2144.

Marie-Liesse Asselin-Labat, Blood, Jul 2004; 104: 215 - 223.

