



FOXO4 (Phospho-Ser262) Antibody

E11-8037A

Catalog Number: E11-8037A

Concentration: 1mg/ml

Swiss-Prot No.: P98177

Other Names: AFX; AFX1; Afxh; forkhead box protein O4; forkhead domain AFX1; MLLT7; myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 7 (AFX1)

All Sites: Human: Ser262; Mouse: Ser262

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

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human FOXO4 around the phosphorylation site of serine 262 (S-S-S^P-N-A).

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: FOXO4 (Phospho-Ser262) antibody detects endogenous levels of FOXO4 only when phosphorylated at serine 262.

Reactivity: Human (Identities = 100%, Positives = 100%); Mouse (Identities = 93%, Positives = 100%)

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

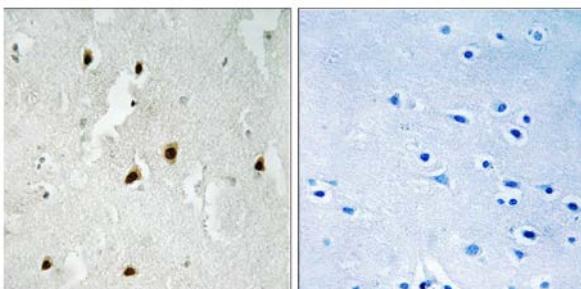
ELISA: 1:10000

References:

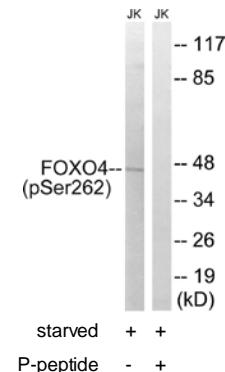
Peters U., Hum. Genet. 100:569-572(1997).

Borkhardt A., Oncogene 14:195-202(1997).

Yang Z., J. Biol. Chem. 277:8068-8075(2002).



P-peptide - +
Immunohistochemistry analysis of paraffin-embedded human brain tissue using FOXO4 (Phospho-Ser262) antibody.



Western blot analysis of extracts from Jurkat cells, treated with starved (24hours), using FOXO4 (Phospho-Ser262) antibody.