



FoxO4 (Acetyl Lys189) rabbit pAb

Cat No.:ES8622

For research use only

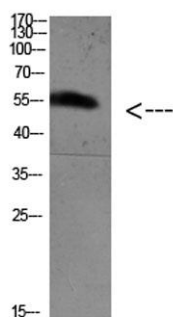
Overview

Product Name	FoxO4 (Acetyl Lys189) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000, ELISA 1:10000-20000
Immunogen	Synthetic Acetyl peptide from human protein at AA range: 189
Specificity	The antibody detects endogenous FoxO4 when Acetyl occurs at Lys189
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Forkhead box protein O4 (Fork head domain transcription factor AFX1)
Gene Name	FOXO4 AFX AFX1 MLLT7
Cellular localization	Cytoplasm. Nucleus. When phosphorylated, translocated from nucleus to cytoplasm. Dephosphorylation triggers nuclear translocation. Monoubiquitination increases nuclear localization. When deubiquitinated, translocated from nucleus to cytoplasm.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	55kD
Human Gene ID	4303
Human Swiss-Prot Number	P98177
Alternative Names	Forkhead box protein O4 (Fork head domain transcription factor AFX1)
Background	This gene encodes a member of the O class of winged helix/forkhead transcription factor family.





Proteins encoded by this class are regulated by factors involved in growth and differentiation indicating they play a role in these processes. A translocation involving this gene on chromosome X and the homolog of the *Drosophila trithorax* gene, encoding a DNA binding protein, located on chromosome 11 is associated with leukemia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010],



Western blot analysis of 3T3 mouse-kidney KB K562 Hela lysate, antibody was diluted at 500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

