



# FoxO4 (Acetyl Lys189) rabbit pAb

Cat No.:ES8622

For research use only

## Overview

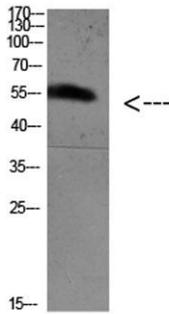
<b>Product Name</b>	FoxO4 (Acetyl Lys189) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000, ELISA 1:10000-20000
<b>Immunogen</b>	Synthetic Acetyl peptide from human protein at AA range: 189
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





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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



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