

Product datasheet for **TA422778**

FOXO4 Rabbit Monoclonal Antibody

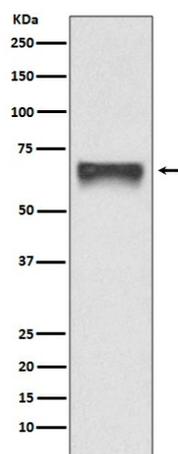
Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 1:5000~1:20000 IHC 1:50~1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human FoxO4
Specificity:	FoxO4 Antibody detects endogenous levels of FoxO4
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at +4°C short term. Store at -23°C long term. Avoid freeze / thaw cycle.
Predicted Protein Size:	65kDa
Gene Name:	forkhead box O4
Database Link:	Entrez Gene 4303 Human P98177
Background:	The Forkhead family of transcription factors is involved in tumorigenesis of rhabdomyosarcoma and acute leukemias. Transcription factor involved in the regulation of the insulin signaling pathway. Binds to insulin-response elements (IREs) and can activate transcription of IGFBP1. Down-regulates expression of HIF1A and suppresses hypoxia-induced transcriptional activation of HIF1A-modulated genes. Also involved in negative regulation of the cell cycle.
Synonyms:	AFX; AFX1; Forkhead box protein O4; Fork head domain transcription factor AFX1; FOXO4; MLLT7



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Product images:



Western blot analysis of FoxO4 expression in 293T cell lysate transfected with FoxO4.