

## Product datasheet for **TA356001**

### Foxo4 Rabbit Polyclonal Antibody

#### Product data:

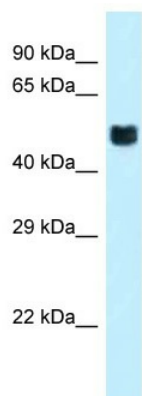
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat <b>Homology:</b> Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	54kDa
Gene Name:	forkhead box O4
Database Link:	<a href="#">NP_001005872</a> <a href="#">Entrez Gene 81601 Mouse</a> <a href="#">Entrez Gene 54601 Mouse</a> <a href="#">Q99MK2</a>
Background:	Foxo4 is a transcription factor involved in the regulation of the insulin signaling pathway. It binds to insulin-response elements (IREs) and can activate transcription of IGFBP1. It down-regulates expression of HIF1A and suppresses hypoxia-induced transcriptional activation of HIF1A-modulated genes. It is also involved in negative regulation of the cell cycle. It represses smooth muscle cell differentiation by inhibiting the transcriptional coactivator activity of myocardin.



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Synonyms: AFX; AFX1; MGC120490; MLLT7

### Product images:



WB Suggested Anti-Foxo4 Antibody  
Titration: 1.0 ug/ml  
Positive Control: Mouse Pancreas