

## Product datasheet for **TA591046**

### FOXO1 Rabbit Monoclonal Antibody [Clone ID: OTIR3H6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIR3H6
Applications:	SISCAPA
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human FOXO1 (NP_002006). The exact sequence is proprietary.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	Lot dependent; please refer to CoA along with shipment
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	69.7 kDa
Gene Name:	forkhead box O1
Database Link:	<a href="#">NP_002006</a> <a href="#">Entrez Gene 56458 Mouse</a> <a href="#">Entrez Gene 84482 Rat</a> <a href="#">Entrez Gene 2308 Human</a> <a href="#">Q12778</a>
Background:	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq, Jul 2008]
Synonyms:	FKH1; FKHR; FOXO1A



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**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Insulin signaling pathway, Pathways in cancer, Prostate cancer