

## Product datasheet for **TA303221**

### FOXO1 Goat Polyclonal Antibody

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | WB   |
| Recommended Dilution: | ELISA: 1:128,000. WB: 1-3µg/ml.  |
| Reactivity:           | Human  |
| Host:                 | Goat   |
| Isotype:              | IgG  |
| Clonality:            | Polyclonal   |
| Immunogen:            | Peptide with sequence QDNKSSYGGMSQYNC, from the internal region of the protein sequence according to NP_002006.2.  |
| Formulation:          | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.  |
| Concentration:        | lot specific   |
| Purification:         | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.   |
| Conjugation:          | Unconjugated   |
| Storage:              | Store at -20°C as received.  |
| Stability:            | Stable for 12 months from date of receipt.   |
| Gene Name:            | forkhead box O1  |
| Database Link:        | <a href="#">NP_002006</a><br><a href="#">Entrez Gene 2308 Human</a><br><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] |
| Synonyms:             | FKH1; FKHR; FOXO1A   |



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

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

**Product images:**



TA303221 (0.1ug/ml) staining of Human Umbilical Cord lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.