



FOXO1 Antibody

CATALOG NUMBER: 27-501



Antibody used in WB on Transfected 293T
at 0.2-1 ug/ml.

Specifications

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|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPECIES REACTIVITY: | Human, Mouse, Rat |
| TESTED APPLICATIONS: | ELISA, WB |
| APPLICATIONS: | FOXO1 antibody can be used for detection of FOXO1 by ELISA at 1:312500. FOXO1 antibody can be used for detection of FOXO1 by western blot at 1 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000. |
| USER NOTE: | Optimal dilutions for each application to be determined by the researcher. |
| POSITIVE CONTROL: | 1) Transfected 293T Cell Lysate |
| PREDICTED MOLECULAR WEIGHT: | 70 kDa |
| IMMUNOGEN: | Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human FOXO1. |
| HOST SPECIES: | Rabbit |

Properties

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PURIFICATION: | Antibody is purified by peptide affinity chromatography method. |
| PHYSICAL STATE: | Lyophilized |
| BUFFER: | Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL. |
| CONCENTRATION: | 1 mg/ml |
| STORAGE CONDITIONS: | For short periods of storage (days) store at 4°C. For longer periods of storage, store FOXO1 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles. |
| CLONALITY: | Polyclonal |
| CONJUGATE: | Unconjugated |

Additional Info

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|-------------------------|---------------------------|
| ALTERNATE NAMES: | FOXO1, FKH1, FKHR, FOXO1A |
| ACCESSION NO.: | NP_002006 |
| PROTEIN GI NO.: | 9257222 |

OFFICIAL SYMBOL: FOXO1

GENE ID: 2308

Background

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. 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

REFERENCES: 1) Amstutz, R., (2008) Cancer Res. 68 (10), 3767-3776.

FOR RESEARCH USE ONLY

December 12, 2016