

Product datasheet for TA376338S

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OriGene Technologies, Inc.

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FOXO1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, IHC, WB

Recommended Dilution: WB,1:100 - 1:500

IHC-P,1:50 - 1:200

ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Phospho T24,Phospho T32,Phospho T28

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Formulation: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Storage: Store at -20°C. Avoid freeze / thaw cycles.

Stability: Shelf life: one year from despatch.

Gene Name: forkhead box O1

Database Link: Entrez Gene 2308 Human

Q12778

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

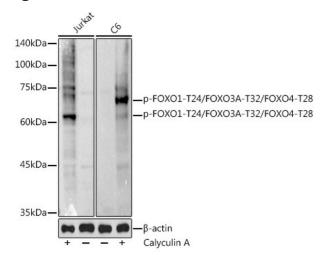
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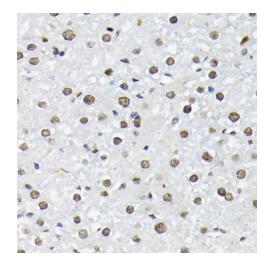
Synonyms: FKH1; FKHR; FOXO1A





Product images:





Western blot analysis of various lysates using Phospho-FOXO1-T24/FOXO3A-T32/FOXO4-T28 Rabbit pAb ([TA376338]) at 1:500 dilution. Jurkat cells were treated by Calyculin A (100 nM) at 37°C for 30 minutes.

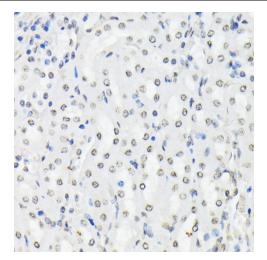
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane.

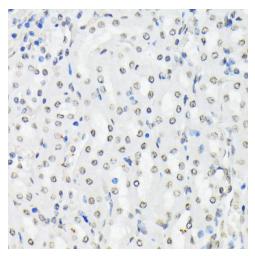
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit . Exposure time: 30s.

Immunohistochemistry analysis of paraffinembedded Rat liver using Phospho-FOXO1-T24/FOXO3A-T32/FOXO4-T28 Rabbit pAb ([TA376338]) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.







Immunohistochemistry analysis of paraffinembedded Human liver cancer using Phospho-FOXO1-T24/FOXO3A-T32/FOXO4-T28 Rabbit pAb ([TA376338]) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

Immunohistochemistry analysis of paraffinembedded Mouse kidney using Phospho-FOXO1-T24/FOXO3A-T32/FOXO4-T28 Rabbit pAb ([TA376338]) at dilution of 1:200 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.