

AP1379

Leader in Biomolecular Solutions for Life Science



Phospho-FOXO1-T24 + FOXO3A-T32 + FOXO4-T28 Rabbit mAb

Catalog No.: AP1379

Recombinant

Basic Information

Observed MW

78-82kDa

Calculated MW

70kDa/71kDa/48kDa/54kDa

Category

Monoclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

CloneNo number

ARC57268

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]

Recommended Dilutions

WB 1:1000 - 1:5000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

2308/2309/4303

Swiss Prot

Q12778/O43524/P98177

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

FoxO1/FoxO3a/FoxO4; Phospho-FOXO1-T24 + FOXO3A-T32 + FOXO4-T28

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

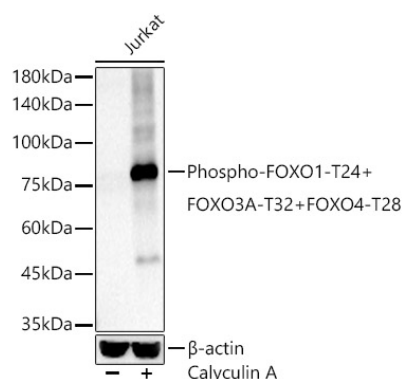
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



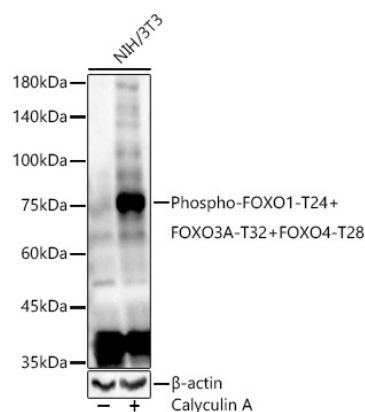
Western blot analysis of lysates from Jurkat cells, using Phospho-FOXO1-T24 + FOXO3A-T32 + FOXO4-T28 Rabbit mAb (AP1379) at 1:2000 dilution. Jurkat cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20s.



Western blot analysis of lysates from NIH/3T3 cells, using Phospho-FOXO1-T24 + FOXO3A-T32 + FOXO4-T28 Rabbit mAb (AP1379) at 1:2000 dilution. NIH/3T3 cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20s.