

Phospho-FoxO1-S256 Rabbit pAb

Catalog NO.: AP0172 **11 Publications**

Basic Information

Observed MW

82kDa/

Calculated MW

70kDa

Category

Phosphorylated Antibodies

Applications

WB, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

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.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

ELISA

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

Immunogen Information

Gene ID	Swiss Prot
2308	Q12778

Immunogen

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

Synonyms

FKH1; FKHR; FOXO1A; Phospho-FoxO1-S256

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

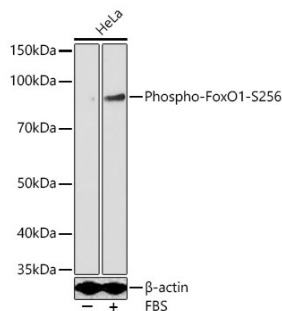
Affinity purification

Storage

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

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

Validation Data



Western blot analysis of lysates from HeLa cells using Phospho-FoxO1-S256 Rabbit pAb (AP0172) at 1:1000 dilution. HeLa cells were treated by 10% FBS at 37°C for 30 minutes after serum-starvation overnight.

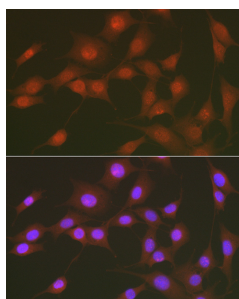
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.

Lysates/proteins: 20 µg per lane.

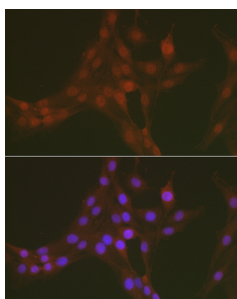
Blocking buffer: 3% nonfat dry milk in TBST.

Detection:ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunofluorescence analysis of NIH/3T3 cells using Phospho-FoxO1-S256 Rabbit pAb (AP0172) at dilution of 1:50. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Phospho-FoxO1-S256 Rabbit pAb (AP0172) at dilution of 1:50. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

