

## Phospho-FoxO1-S256 polyclonal antibody

Catalog: BS79355

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

100kDa

### Swiss-Prot:

Q12778

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:1000 | IF/ICC, 1:50 - 1:200

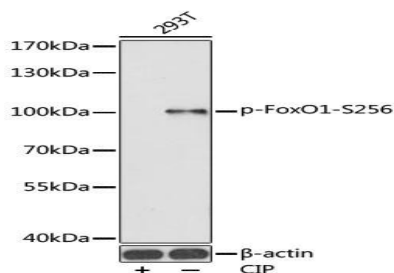
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Modification:

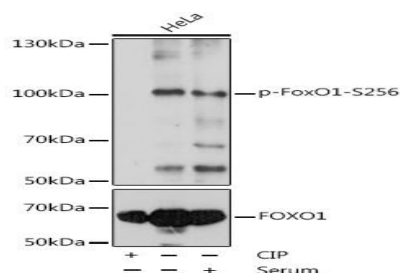
Phosphorylated

### DATA:

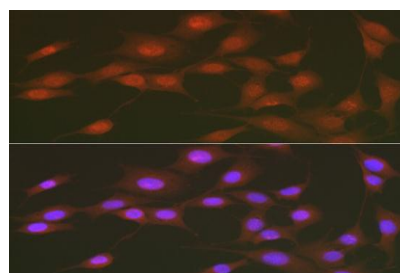


Western blot analysis of extracts of 293T cells, using Phos-

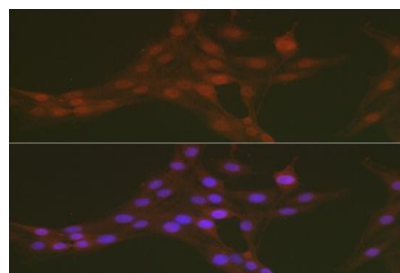
pho-FoxO1-S256 antibody .293T were treated by CIP at 37 °C for 1 hour. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 90s.



Western blot analysis of extracts of HeLa cells, using Phospho-FoxO1-S256 pAb at 1:1000 dilution or FOXO1 antibody. HeLa cell lysate were treated by CIP at 37 °C for 1 hour or treated by 10% FBS at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 2s.



Immunofluorescence analysis of NIH/3T3 using Phospho-FoxO1-S256 antibody at dilution of 1:50. Blue: DAPI for nuclear staining.



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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

Immunofluorescence analysis of PC-12 using Phospho-FoxO1-S256 antibody at dilution of 1:50. Blue: DAPI for nuclear staining.

**Note:**

For research use only, not for use in diagnostic procedure.

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