# Phospho-FoxO1-S256 Rabbit pAb

Catalog No.: AP0172 11 Publications



## **Basic Information**

## **Observed MW**

82kDa/

## **Calculated MW**

70kDa

## Category

Primary antibody

## **Applications**

WB,IF/ICC,ELISA

#### **Cross-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.

# **Recommended Dilutions**

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

 $\begin{array}{c} \textbf{ELISA} & \text{Recommended starting} \\ & \text{concentration is 1 } \mu\text{g/mL}. \end{array}$ 

Please optimize the concentration based on your specific assay requirements.

# Immunogen Information

**Gene ID**2308

Swiss Prot
Q12778

#### **Immunogen**

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

## **Synonyms**

FKH1; FKHR; FOXO1A; Phospho-FoxO1-S256

# **Contact**

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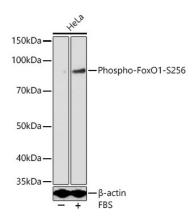
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity 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.



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  $37^{\circ}$ C for 30 minutes after serum-starvation overnight.

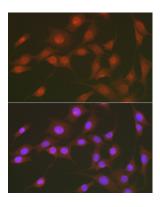
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.

Lysates/proteins: 20 µg per lane.

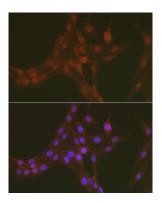
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposuretime: 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.