

# Phospho-FOXO3A-S253 Rabbit pAb

Catalog No.: AP0684 **15 Publications**

## Basic Information

### Observed MW

97kDa

### Calculated MW

71kDa

### Category

Primary antibody

### Applications

WB,IHC-P,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. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed.

## Recommended Dilutions

**WB** 1:500 - 1:2000

**IHC-P** 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

2309

### Swiss Prot

O43524

### Immunogen

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

### Synonyms

FOXO2; AF6q21; FKHL1; FOXO3A; FKHL1P2; Phospho-FOXO3A-S253

## Contact

 | 400-999-6126

 | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

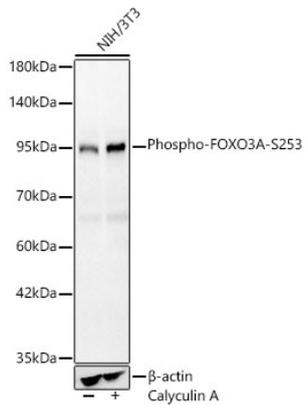
Affinity purification

### 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 NIH/3T3 cells using Phospho-FOXO3A-S253 Rabbit pAb (AP0684) at 1:500 dilution. NIH/3T3 cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes after serum starvation overnight.

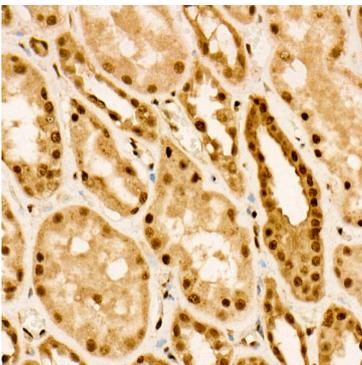
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.



Immunohistochemistry analysis of paraffin-embedded Human kidney using Phospho-FOXO3A-S253 Rabbit pAb (AP0684) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.