

## FoxO3A (phospho-S253) polyclonal antibody

Catalog: BS5019

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

FOXO3A belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. Forkhead transcription factors of the FoxO sub-family are emerging as a shared component among pathways regulating diverse cellular functions, such as differentiation, metabolism, proliferation, and survival. Their transcriptional output is controlled via a two-tiered mechanism of phosphorylation and acetylation. FOXO3A is a transcriptional activator which triggers apoptosis in the absence of survival factors.

### Product:

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

### Molecular Weight:

~ 97 kDa

### Swiss-Prot:

O43524

### 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

IHC: 1:50~1:200

### Storage&Stability:

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

### Specificity:

p-FoxO3A (S253) polyclonal antibody detects endogenous levels of FoxO3A protein when phosphorylated at Ser253.

### DATA:

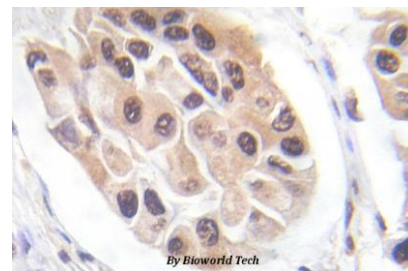


Western blot (WB) analysis of p-FoxO3A (S253) pAb at 1:500 dilution

Lane1: The Testis tissue lysate of Rat(40ug)

Lane2: The Testis tissue lysate of Mouse(20ug)

Lane3: Hela whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of p-FOXO3A (S253) pAb in paraffin-embedded human breast carcinoma tissue.

### Note:

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

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151