

FoxO3A (phospho-S253) polyclonal antibody

Catalog: BCP00788

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:

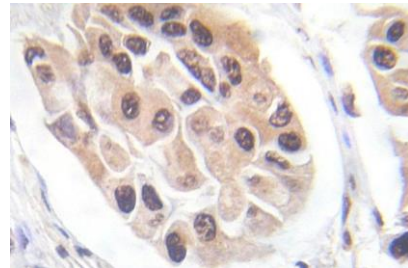


Western blot (WB) analysis of p-FoxO3A (S253) pAb at 1:500 dilution

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.