

**FOXO3 (Phospho-S315) polyclonal antibody**

Catalog: BS64551

Host: Rabbit

Reactivity: Human, Mouse

**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:**

~ 82, 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:**

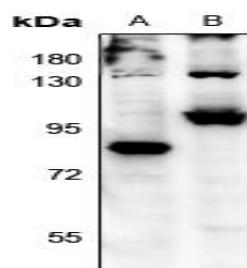
WB: 1:500~1:1000

**Storage&Stability:**

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

**Specificity:**

FOXO3 (Phospho-S315) polyclonal antibody detects endogenous levels of FOXO3 protein only when phosphorylated at Ser315.

**DATA:**

Western blot (WB) analysis of FOXO3 (Phospho-S315) polyclonal antibody at 1:500 dilution

LaneA:Hela whole cell lysate

LaneB:NIH3T3 whole cell lysate

**Note:**

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

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