

FoxO4 (phospho-S197) polyclonal antibody

Catalog: BS4714

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

FOX4 is a forkhead transcription factor involved in the regulation of the insulin signaling pathway. It binds to insulin-response elements (IREs) and can activate transcription of IGFBP1. FOXO4 down-regulates expression of HIF1A and suppresses hypoxia-induced transcriptional activation of HIF1A-modulated genes. It is also involved in negative regulation of the cell cycle.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 55, 70 kDa

Swiss-Prot:

P98177

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:

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-FoxO4 (S197) polyclonal antibody detects endogenous levels of FoxO4 protein only when phosphorylated at Ser197.

DATA:

Immunohistochemistry (IHC) analyzes of p-FOXO4 (S197) pAb in paraffin-embedded human brain tissue.

Note:

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

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