

FKHR/FoxO1 (phospho-S329) polyclonal antibody

Catalog: BS4267

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

FOXO1A (FKHR or ForkHead in Rhabdomyosarcoma) is a 70 kDa protein which is a member of a subfamily of the forkhead homeotic gene family of transcription factors. Recent studies have shown that this protein can act as either a coactivator or a corepressor of nuclear receptor activity. This action is mediated through the LXXLL motif found in the C terminus of the FOXO1A protein. The specific function of the gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Chromosomal aberrations involving FOXO1A are a cause of rhabdomyosarcoma 2 (RMS2); also known as alveolar rhabdomyosarcoma.

Product:

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

Molecular Weight:

~ 70 to 82 kDa

Swiss-Prot:

Q12778

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

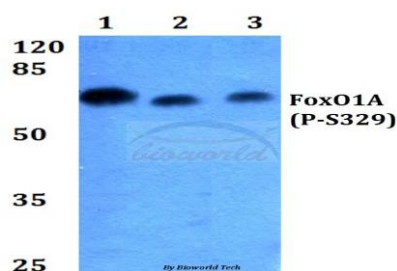
Storage&Stability:

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

Specificity:

p-FOXO1A (S329) polyclonal antibody detects endogenous levels of FOXO1A protein only when phosphorylated at Ser329

DATA:

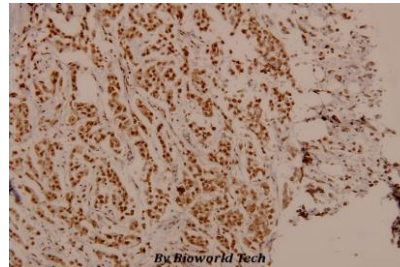


Western blot (WB) analysis of p-FKHR/FoxO1 (S329) polyclonal antibody at 1:500 dilution

Lane1:THP-1 cell lysate treated with serum(20%,30mins)

Lane2:HepG2 cell lysate treated with serum(20%,30mins)

Lane3:Rat kidney tissue lysate



Immunohistochemistry (IHC) analyzes of p-FKHR/FoxO1 (S329) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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