

## FKHR/FoxO1 (T323) polyclonal antibody

Catalog: BS1746

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

IF: 1:50~1:200

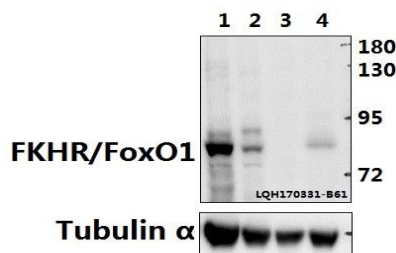
### Storage&Stability:

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

### Specificity:

FKHR (T323) polyclonal antibody detects endogenous levels of FKHR protein.

### DATA:



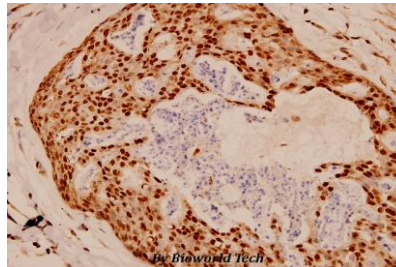
Western blot (WB) analysis of FKHR/FoxO1 (T323) polyclonal antibody at 1:500 dilution

Lane1:PC12 whole cell lysate(40ug)

Lane2:BV2 whole cell lysate(40ug)

Lane3:A549 whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of FKHR/FoxO1 (T323) 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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