

**FKHR/FoxO1 (F313) polyclonal antibody**

Catalog: BS3573

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:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**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

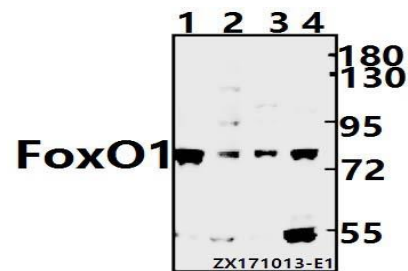
IF: 1:50~1:200

**Storage&Stability:**

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

**Specificity:**

FoxO1 (F313) polyclonal antibody detects endogenous levels of FoxO1 protein.

**DATA:**

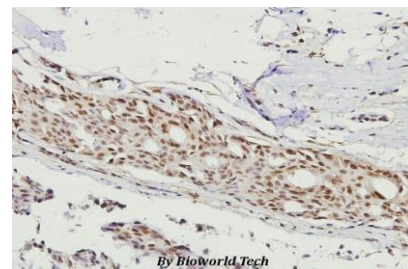
Western blot (WB) analysis of FoxO1 (F313) pAb at 1:1000 dilution

Lane1:H1792 whole cell lysate(40ug)

Lane2:3T3-L1 whole cell lysate(40ug)

Lane3:C6 whole cell lysate(20ug)

Lane4:HEK293T whole cell lysate(20ug)



Immunohistochemistry (IHC) analyzes of FKHR/FoxO1 (F313) 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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