

## Phospho-FOXO1-S319 polyclonal antibody

Catalog: BS79475

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq, Jul 2008]

### Product:

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

### Molecular Weight:

90kDa

### 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 - 1:2000 | IHC, 1:50 - 1:200

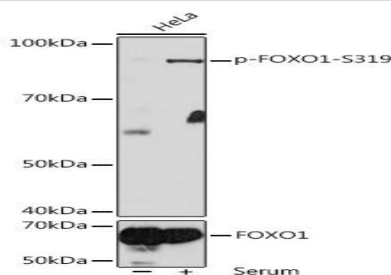
### Storage&Stability:

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

### Modification:

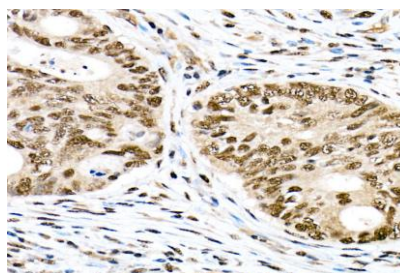
Phosphorylated

### DATA:

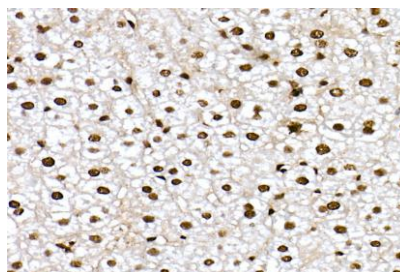


Western blot analysis of extracts of HeLa cells, using Phos-

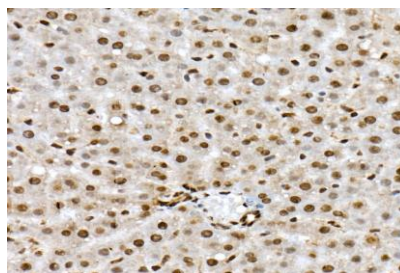
pho-FOXO1-S319 antibody at 1:1000 dilution or FOXO1 antibody. HeLa cells were treated by 10% FBS at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry of paraffin-embedded human colon carcinoma using Phospho-FOXO1-S319 Rabbit pAb at dilution of 1:50. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded mouse liver using Phospho-FOXO1-S319 Rabbit pAb at dilution of 1:50. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded rat liver using Phos-

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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

pho-FOXO1-S319 Rabbit pAb at dilution of 1:50 .Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

**Note:**

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

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