

## Rabbit FKHR Polyclonal Antibody | anti-FKHR antibody

FKHR antibody

|                               |                       |                                                                               |
|-------------------------------|-----------------------|-------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA107918</b> | HOST<br><b>Rabbit</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, Immunofluorescence</b> |
|-------------------------------|-----------------------|-------------------------------------------------------------------------------|

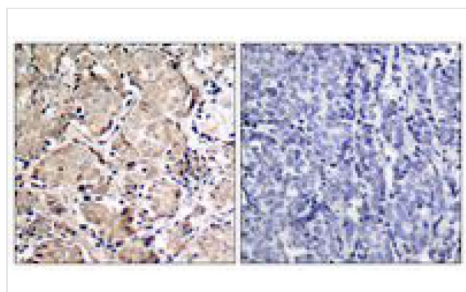
### PRODUCT SYNONYMS

FKHR; Polyclonal Antibody; FKHR antibody; Polyclonal FKHR; Anti-FKHR; FOXO1; FKH1; FOXO1A; Forkhead box protein O1; Phospho Ser319; anti-FKHR antibody

### PRODUCT SPECIFICATIONS

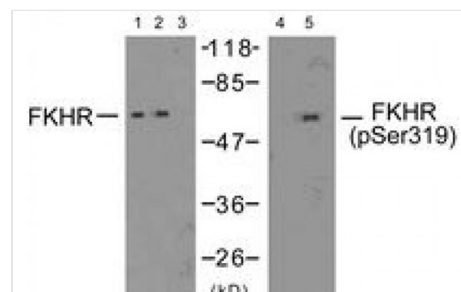
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|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Purity/Purification                            | FKHR antibody was purified by immunoaffinity chromatography.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form/Format                                    | Supplied in liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applicable Applications for anti-FKHR antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Biological Significance                        | FKHR belongs to the forkhead family of transcription factors that are characterized by a distinct fork head domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. In hepatic cells this transcription factor seems to increase the expression of PEPCK and glycogen-6 phosphatase (the same enzymes that are blocked via the metformin/AMPK/SHP pathway). Blocking this transcription factor offers an opportunity for novel therapies for diabetes mellitus. |
| Cross-Reactivity                               | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen                                      | FKHR antibody was raised in Rabbit using the peptide sequence around phosphorylation site of serine 319 (T-S-S(p)-N-A) derived from Human FKHR/FOXO1A as the immunogen.                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage                        | Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                             |

### IMAGES



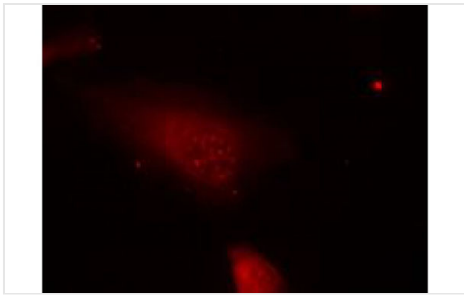
#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using FKHR (Phospho-Ser319) antibody (left) or the same antibody preincubated with with blocking peptide (right)



#### WB (Western Blot)

Western Blot analysis of extracts from 3T3 cells untreated or treated with serum starvation using FKHR (Phospho-Ser319) antibody



**IF (Immunofluorescence)**

Immunofluorescence staining of methanol-fixed HeLa cells using FKHR (Phospho-Ser319) antibody

## ADDITIONAL INFORMATION

|                                                    |                                                   |
|----------------------------------------------------|---------------------------------------------------|
| Related Product Information for anti-FKHR antibody | Rabbit polyclonal FKHR antibody                   |
| Product Categories/Family for anti-FKHR antibody   | <a href="#">Differentiation &amp; Development</a> |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fkhr-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/107918>