

## Catalog #: 51828

### Aliases

FOXO1; FKHR; FOXO1A; Forkhead box protein O1; Forkhead box protein O1A; Forkhead in rhabdomyosarcoma; FOXO3; FKHRL1; FOXO3A; Forkhead box protein O3; AF6q21 protein; Forkhead in rhabdomyosarcoma-like 1

### Background

Gene Name: FOXO1/FOXO3

NCBI Gene Entry: [2308](#)

UniProt Entry: [Q12778/O43524](#)

### Application Information

Molecular Weight: Predicted, 69,71 kDa; observed, 78 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, bovine, pig

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

### Immunogen

A synthesized peptide derived from human FOXO1/3

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:2,000

Immunohistochemistry (IHC): 1:50-1:200

**Note:** This product is for research use only.

### Validation Data

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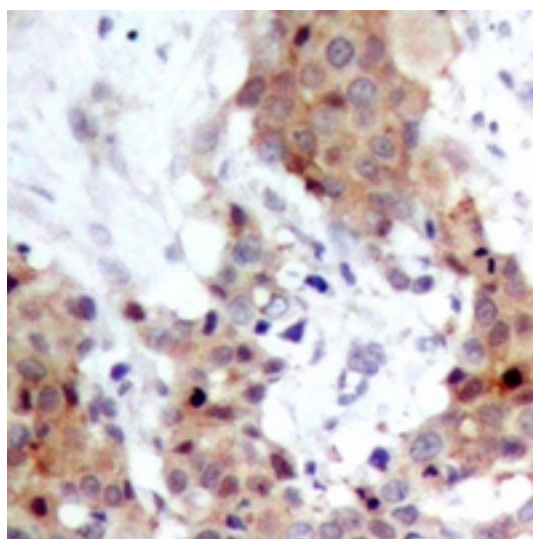
#### SUPPORT

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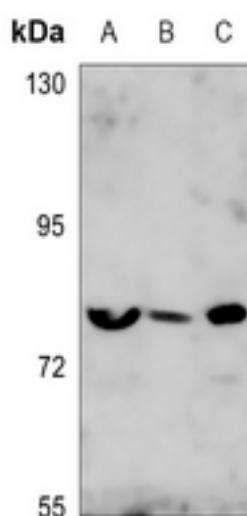
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Immunohistochemical analysis of FOXO1/3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of FOXO1/3 expression in mouse heart (A), mouse muscle (B), rat heart (C) whole cell lysates.