

## Anti-Phospho-FoxO1/3/4-Thr24/32 antibody (15-64 aa) (STJ90811)

STJ90811

### GENERAL INFORMATION

|                          |                                                                                                                                                                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                                                                                                                                                         |
| <b>Short Description</b> | Rabbit polyclonal antibody anti-Phospho-Forkhead box protein O1 and Forkhead box protein O3 and Forkhead box protein O4-Thr24/32 (15-64 aa) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications. |
| <b>Applications</b>      | WB/IHC/IF/ELISA                                                                                                                                                                                                                                            |
| <b>Host/Source</b>       | Rabbit                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>        | Human/Mouse/Rat                                                                                                                                                                                                                                            |

### PRODUCT PROPERTIES

|                            |                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                            |
| <b>Clone ID</b>            |                                                                                                                       |
| <b>Concentration</b>       | 1 mg/mL                                                                                                               |
| <b>Conjugation</b>         | Unconjugated                                                                                                          |
| <b>Purification</b>        | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Dilution Range</b>      | WB 1:500-1:2000<br>IHC 1:100-1:300<br>ELISA 1:5000<br>IF 1:50-200                                                     |
| <b>Formulation</b>         | Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.                                               |
| <b>Isotype</b>             | IgG                                                                                                                   |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                        |

### TARGET INFORMATION

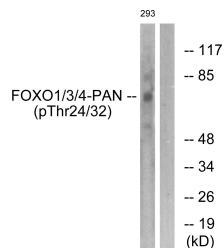
**Gene ID** [4303](#)  
[2308](#)  
[2309](#)  
[FOXO4](#)  
[FOXO1](#)  
[FOXO4\\_HUMAN](#)  
[FOXO1\\_HUMAN](#)  
[FOXO3\\_HUMAN](#)

**Immunogen** The antiserum was produced against synthesized peptide derived from the human FOXO1/3/4-pan around the phosphorylation site of Thr24/32 at the amino acid range 15-64

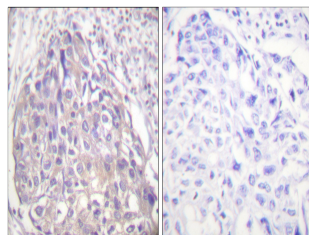
**Immunogen Region** 15-64 aa

**Specificity** Phospho-FoxO1/3/4 (T24/32) Polyclonal Antibody detects endogenous levels of FoxO1/3/4 protein only when phosphorylated at T24/32.

**Immunogen Sequence**



Western blot analysis of lysates from 293 cells treated with Serum 20% 15', using FOXO1/3/4-pan (Phospho-Thr24/32) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using FOXO1/3/4-pan (Phospho-Thr24/32) Antibody. The picture on the right is blocked with the phospho peptide.