

## Rabbit FOXO1A Polyclonal Antibody | anti-FOXO1A antibody

FOXO1A (Phospho-Ser329) Antibody

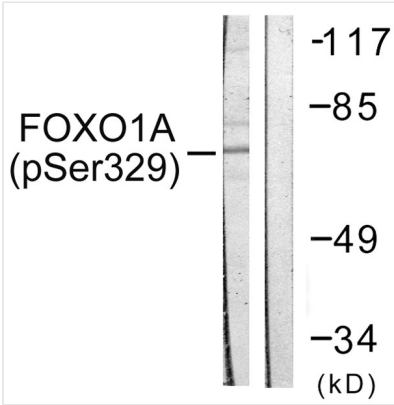
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                              |
|-----------|--------|-------------------|-------------------------------------------|
| AAA316178 | Rabbit | Human, Mouse, Rat | ELISA, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

FOXO1A; Polyclonal Antibody; FOXO1A (Phospho-Ser329) Antibody; FKHR; forkhead box O1A (FKHR); Forkhead box protein O1A; Forkhead in rhabdomyosarcoma; FOXO1; anti-FOXO1A antibody

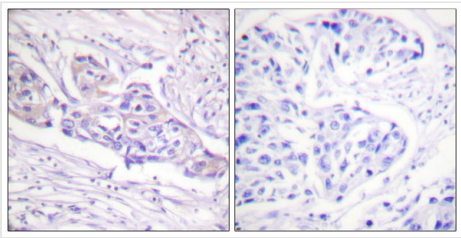
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                  |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                           |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                                       |
| Specificity                                      | FOXO1A (Phospho-Ser329) Antibody detects endogenous levels of FOXO1A only when phosphorylated at Ser329.                                                                                         |
| Purity/Purification                              | Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide. |
| Form/Format                                      | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                               |
| Concentration                                    | 1 mg/ml (varies by lot)                                                                                                                                                                          |
| Sequence Length                                  | 655                                                                                                                                                                                              |
| Applicable Applications for anti-FOXO1A antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                             |
| Target Modification                              | Phospho                                                                                                                                                                                          |
| Modification Sites                               | H:S329; M:S326; R:S323                                                                                                                                                                           |
| Immunogen                                        | The antiserum was produced against synthesized peptide derived from human FOXO1A around the phosphorylation site of Ser329.                                                                      |
| Immunogen Range                                  | 295-344                                                                                                                                                                                          |
| Preparation and Storage                          | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |



WB (Western Blot)

Western blot analysis of lysates from HeLa cells treated with Serum 20% 15', using FOXO1A (Phospho-Ser329) Antibody. The lane on the right is blocked with the phospho peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using FOXO1A (Phospho-Ser329) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 9257222                        |
| NCBI GeneID                      | 2308                           |
| NCBI Accession #                 | NP_002006.2                    |
| NCBI GenBank Nucleotide #        | NM_002015.3                    |
| UniProt Accession #              | Q12778; O43523; Q5VYC7; Q6NSK6 |
| Molecular Weight                 | 69 kDa                         |
| NCBI Official Full Name          | forkhead box protein O1        |
| NCBI Official Synonym Full Names | forkhead box O1                |
| NCBI Official Symbol             | FOXO1                          |
| NCBI Official Synonym Symbols    | FKH1; FKHR; FOXO1A             |
| NCBI Protein Information         | forkhead box protein O1        |
| UniProt Protein Name             | Forkhead box protein O1        |
| UniProt Gene Name                | FOXO1                          |
| UniProt Synonym Gene Names       | FKHR; FOXO1A                   |

**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.