

## Rabbit GSK3 beta Polyclonal Antibody | anti-GSK3 beta antibody

GSK3 beta (Phospho-Ser9) Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA316502 | Rabbit | Human, Mouse, Rat | ELISA, Immunoprecipitation, Immunohistochemistry, Western Blot |

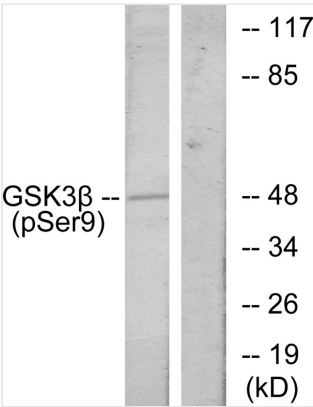
### PRODUCT SYNONYMS

GSK3 beta; Polyclonal Antibody; GSK3 beta (Phospho-Ser9) Antibody; Factor A; GSK-3 alpha; GSK3A; Glycogen synthase kinase-3 alpha; kinase GSK3-alpha; anti-GSK3 beta antibody

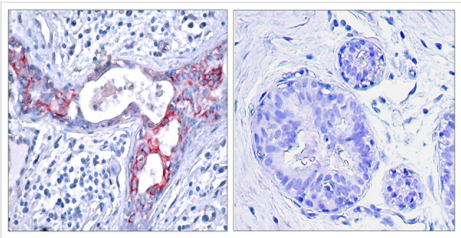
### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                                                                  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | Rabbit                                                                                                                                                                                           |
| Reactivity                                          | Human, Mouse, Rat                                                                                                                                                                                |
| Clonality                                           | Polyclonal                                                                                                                                                                                       |
| Specificity                                         | GSK3 beta (Phospho-Ser9) Antibody detects endogenous levels of GSK3 beta only when phosphorylated at Ser9.                                                                                       |
| 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                                     | 433                                                                                                                                                                                              |
| Applicable Applications for anti-GSK3 beta antibody | ELISA, IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                   |
| Target Modification                                 | Phospho                                                                                                                                                                                          |
| Immunogen                                           | The antiserum was produced against synthesized peptide derived from human GSK3 beta around the phosphorylation site of Ser9.                                                                     |
| Immunogen Range                                     | Jan-50                                                                                                                                                                                           |
| Preparation and Storage                             | Stable at -20 degree C for at least 1 year.                                                                                                                                                      |

IMAGES



**WB (Western Blot)**  
Western blot analysis of lysates from HeLa cells treated with EGF, using GSK3 beta (Phospho-Ser9) Antibody. The lane on the right is blocked with the phospho peptide.



**IHC (Immunohistochemistry)**  
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using GSK3 beta (Phospho-Ser9) Antibody. The picture on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 225903437                                 |
| NCBI GeneID                      | 2932                                      |
| NCBI Accession #                 | NP_001139628.1                            |
| NCBI GenBank Nucleotide #        | NM_001146156.1                            |
| UniProt Accession #              | P49841; Q9BWH3; Q9UL47; D3DN89            |
| Molecular Weight                 | 46 kDa                                    |
| NCBI Official Full Name          | glycogen synthase kinase-3 beta isoform 2 |
| NCBI Official Synonym Full Names | glycogen synthase kinase 3 beta           |
| NCBI Official Symbol             | GSK3B                                     |
| NCBI Protein Information         | glycogen synthase kinase-3 beta           |
| UniProt Protein Name             | Glycogen synthase kinase-3 beta           |
| UniProt Gene Name                | GSK3B                                     |
| UniProt Synonym Gene Names       | GSK-3 beta                                |

**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.