

## GSK3beta Antibody | anti-GSK3beta antibody

GSK3beta (Ab-9) Antibody

|                               |                                        |                                                                                       |
|-------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA267726</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunoprecipitation, ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|

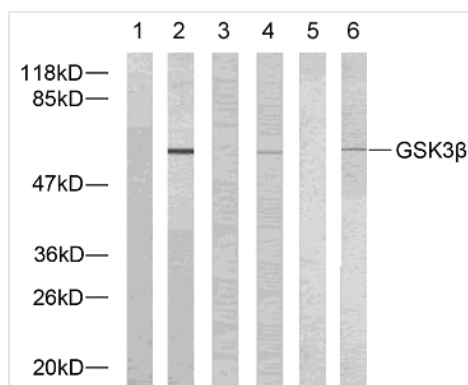
### PRODUCT SYNONYMS

GSK3beta; GSK3beta (Ab-9) Antibody; anti-GSK3beta antibody

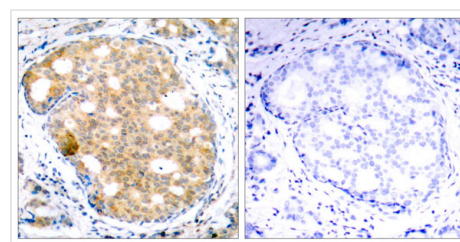
### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                                                            |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                         | Human, Mouse, Rat                                                                                                                          |
| Specificity                                        | GSK3beta (Ab-9) antibody detects endogenous levels of total GSK3beta protein.                                                              |
| Purity/Purification                                | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                       |
| Form/Format                                        | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                             |
| Sequence Length                                    | 420                                                                                                                                        |
| Applicable Applications for anti-GSK3beta antibody | IP (Immunoprecipitation), ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                             |
| Immunogen                                          | The antiserum was produced against synthesized non-phosphopeptide derived from human GSK3beta around the phosphorylation site of serine 9. |
| Preparation and Storage                            | Store at -20 degree C for 1 year                                                                                                           |

### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts using GSK3beta (Ab-9) antibody.


**IHC (Immunohistochemistry)**

Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using GSK3beta (Ab-9) antibody.

### ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                                                                |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Fan G, et al. (2003) J Biol Chem. 278(52): 52432-52436. Barry FA, et al. (2003) FEBS Lett. 553(1-2): 173-178. Welsh, et al. (1996) Trends Cell Biol. 6: 274-279. Srivastava A K, et al. (1998) Mol Cell Biochem. 182: 135-141. Cross D. A, et al. (1995) Nature. 378: 785-789. |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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                 | 48,034 Da                                 |
| 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                | <b>GSK3B</b>                              |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/gsk3beta/267726>