

# GSK3 beta (phospho Ser9) antibody

**Cat. No. GTX48612**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB
<b>Reactivity</b>	Human, Mouse, Rat, Zebrafish, Bovine, Dog, Chicken, Xenopus, Primate

**Package**

50 µl

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000

Not tested in other applications.

**Calculated MW** 47 kDa. ( [Note](#) )

### Product Note

Specific for the ~46k GSK3 beta protein phosphorylated at Ser9. Also weakly labels the ~51k GSK3 alpha band due to the high degree of homology between the 2 subunits. Immunolabeling is blocked by the phosphopeptide used as antigen but not by the corresponding dephosphopeptide.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	10mM HEPES, 150mM NaCl, 0.01% BSA, 50% Glycerol
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Phosphopeptide corresponding to amino acid residues surrounding the phosphoSer9 of GSK3 beta.
<b>Purification</b>	Purified by antigen-affinity chromatography
<b>Conjugation</b>	Unconjugated

### Note

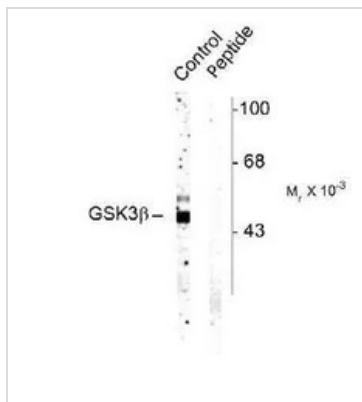
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## DATA IMAGES



### GTx48612 WB Image

WB analysis of rat cortex tissue lysate using GTx48612 GSK3 beta (phospho Ser9) antibody.

Control : without phospho-peptide

Peptide : with phospho-peptide



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