

GSK3 beta (phospho Ser9) antibody

Cat. No. GTX48612

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB
Reactivity	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

Form	Liquid
Buffer	10mM HEPES, 150mM NaCl, 0.01% BSA, 50% Glycerol
Preservative	No preservatives
Storage	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.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Phosphopeptide corresponding to amino acid residues surrounding the phosphoSer9 of GSK3 beta.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

Note

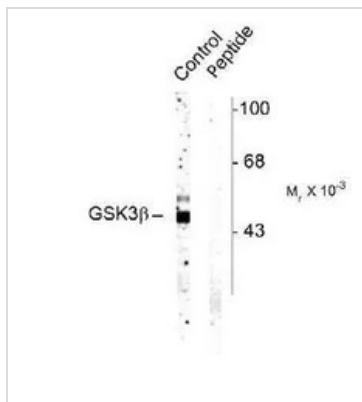
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DATA IMAGES



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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