

#9325 Store at -20C

GSK-3 β -Tag Antibody

**Cell Signaling**
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For Research Use Only. Not for Use in Diagnostic Procedures.

| Applications: WB | Reactivity: All | Sensitivity: Transfected Only | Source: Rabbit |
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| Product Usage Information | Application Western Blotting | | Dilution 1:1000 |
| Storage | Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA and 50% glycerol. Store at –20°C. Do not aliquot the antibody. | | |
| Specificity / Sensitivity | GSK-3 β -Tag Antibody is optimized to detect transfected levels of GSK-3 β -tagged proteins and weakly detects endogenous GSK-3 β (46 kDa). | | |
| Source / Purification | Polyclonal antibodies are produced by immunizing animals with a synthetic GSK-3 β -Tag peptide. Antibodies are purified by protein A and peptide affinity chromatography. | | |
| Background | <p>Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation, and immunostaining techniques. Because of their small size, they are unlikely to affect the tagged protein's biochemical properties.</p> <p>Short phosphorylatable peptide tags, such as the GSK-3β-tag, can be used to determine translocation of effector proteins in type III secretion systems (1).</p> | | |
| Background References | 1. Hohlfeld, S. et al. (2006) <i>Mol. Microbiol.</i> 59, 1624-1637. | | |

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| Species Reactivity | Species reactivity is determined by testing in at least one approved application (e.g., western blot). |
| Western Blot Buffer | IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight. |
| Applications Key | WB: Western Blotting |
| Cross-Reactivity Key | H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected |
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