

# Product Datasheet

## GSK-3 beta [p Ser9] Antibody (3A6) NBP3-26422-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26422-100ul**

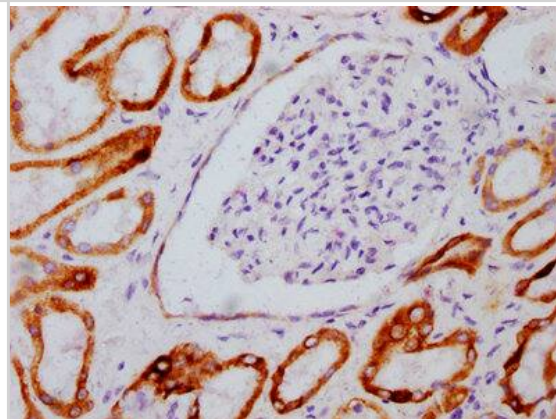
GSK-3 beta [p Ser9] Antibody (3A6)

Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3A6
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	2932
<b>Gene Symbol</b>	GSK3B
<b>Species</b>	Human
<b>Immunogen</b>	A synthesized peptide derived from Human GSK-3 beta [p Ser 9] [UniProt P49841]
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200

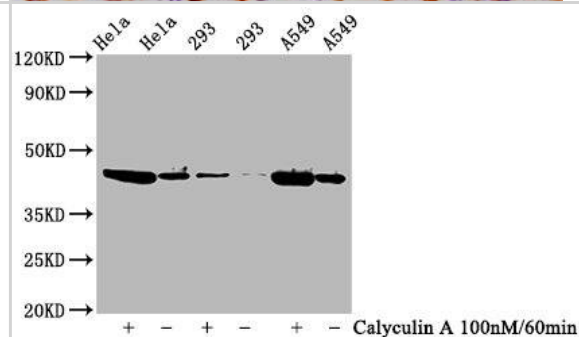


## Images

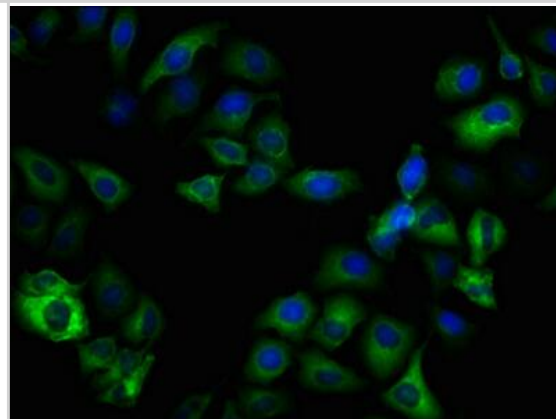
**Immunohistochemistry:** GSK-3 beta [p Ser9] Antibody (3A6) [NBP3-26422] - Image of GSK-3 beta [p Ser9] Antibody (3A6) diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



**Western Blot:** GSK-3 beta [p Ser9] Antibody (3A6) [NBP3-26422] - Positive Western Blot detected in HeLa whole cell lysate, 293 whole cell lysate, A549 whole cell lysate (treated with Calyculin A or not). All lanes: GSK-3 beta [p Ser9] Antibody at 0.77ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 46 KDa. Observed band size: 46 KDa



**Immunocytochemistry/Immunofluorescence:** GSK-3 beta [p Ser9] Antibody (3A6) [NBP3-26422] - Staining of HeLa cells (treated with 50mM Calyculin A for 30min) with GSK-3 beta [p Ser9] Antibody (3A6) at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).





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### **Products Related to NBP3-26422-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-90359PEP	GSK-3 beta Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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