

Product Datasheet

GSK-3 beta Antibody (SY28-03) NBP2-67448

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67448**GSK-3 beta Antibody (SY28-03)****Product Information**

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SY28-03
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	47 kDa

Product Description

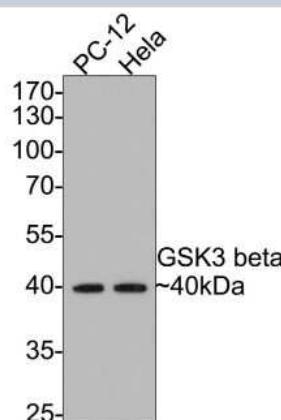
Host	Rabbit
Gene Symbol	GSK3B
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human GSK-3 beta aa 360-400. (SwissProt: P49841 Human; SwissProt: Q9WV60 Mouse; SwissProt: P18266 Rat)

Product Application Details

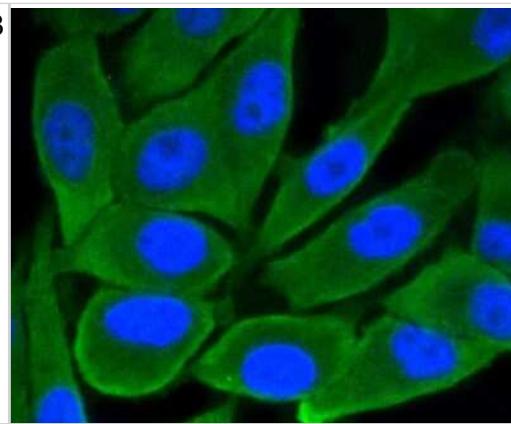
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

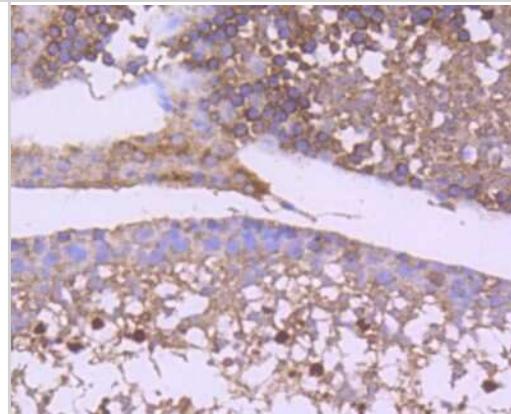
Western Blot: GSK-3 beta Antibody (SY28-03) [NBP2-67448] - Analysis of GSK-3 beta on different lysates with Rabbit anti-GSK-3 beta antibody at 1/500 dilution. Lane 1: PC-12 cell lysate Lane 2: Hela cell lysate Lysates/proteins at 10 ug/Lane. Predicted band size: 47 kDa Observed band size: 40 kDa Exposure time: 2 minutes; 10% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



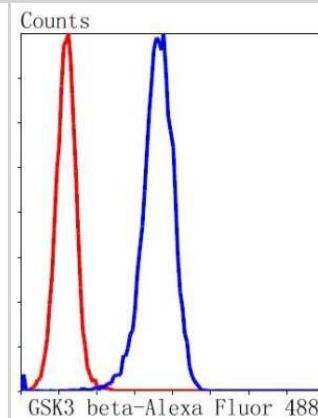
Immunocytochemistry/Immunofluorescence: GSK-3 beta Antibody (SY28-03) [NBP2-67448] - Staining GSK3 beta in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



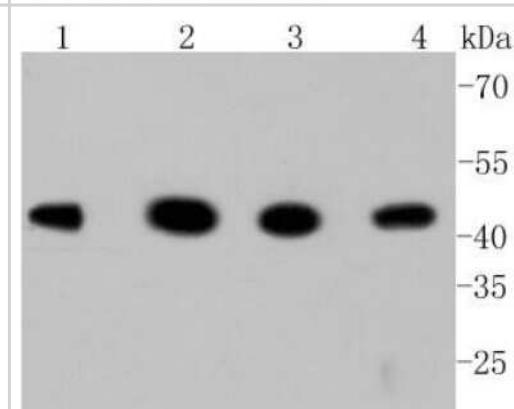
Immunohistochemistry-Paraffin: GSK-3 beta Antibody (SY28-03) [NBP2-67448] - Analysis of paraffin-embedded mouse testis tissue using anti-GSK3 beta antibody. Counter stained with hematoxylin.



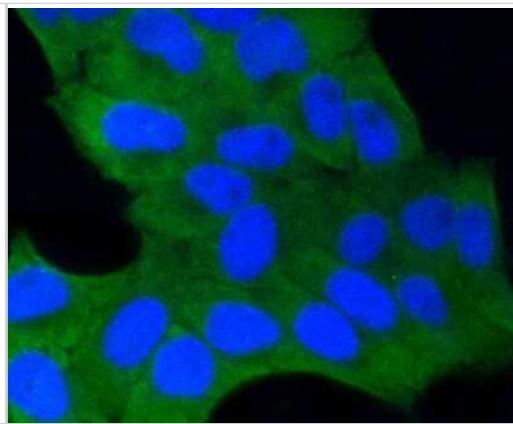
Flow Cytometry: GSK-3 beta Antibody (SY28-03) [NBP2-67448] - Analysis of Hela cells with GSK3 beta antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



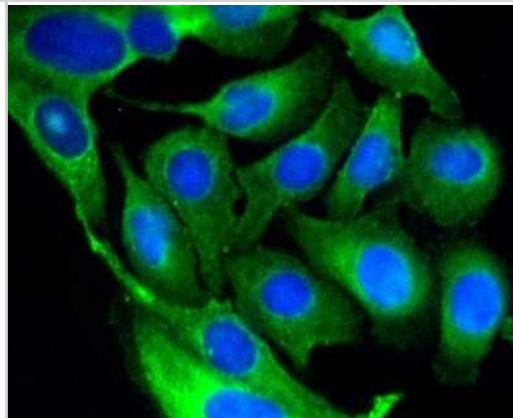
Western Blot: GSK-3 beta Antibody (SY28-03) [NBP2-67448] - Analysis of GSK3 beta on different lysates using anti-GSK3 beta antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: 293 Lane 3: NIH/3T3 Lane 4: PC12



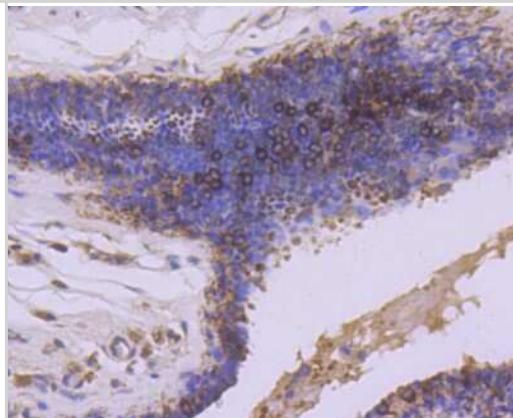
Immunocytochemistry/Immunofluorescence: GSK-3 beta Antibody (SY28-03) [NBP2-67448] - Staining GSK3 beta in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



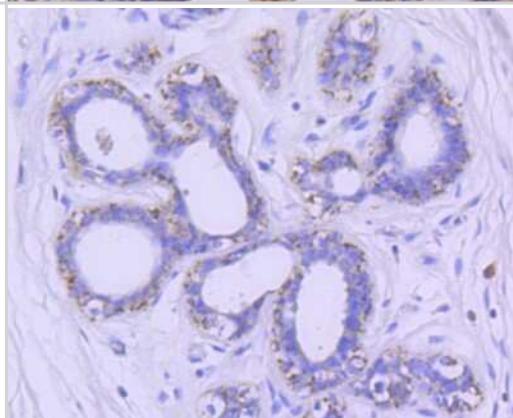
Immunocytochemistry/Immunofluorescence: GSK-3 beta Antibody (SY28-03) [NBP2-67448] - Staining GSK3 beta in SKOV-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



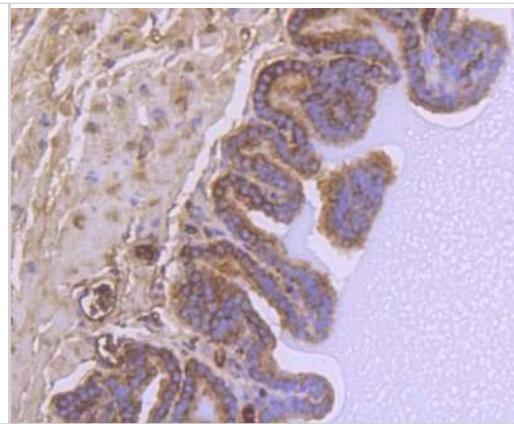
Immunohistochemistry-Paraffin: GSK-3 beta Antibody (SY28-03) [NBP2-67448] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-GSK3 beta antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: GSK-3 beta Antibody (SY28-03) [NBP2-67448] - Analysis of paraffin-embedded human breast tissue using anti-GSK3 beta antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: GSK-3 beta Antibody (SY28-03) [NBP2-67448] - Analysis of paraffin-embedded mouse prostate tissue using anti-GSK3 beta antibody. Counter stained with hematoxylin.





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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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