

Product Datasheet

Tau [p Ser396] Antibody (SN62-09) NBP2-67702

Unit Size: 100 ul

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

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NBP2-67702

Tau [p Ser396] Antibody (SN62-09)

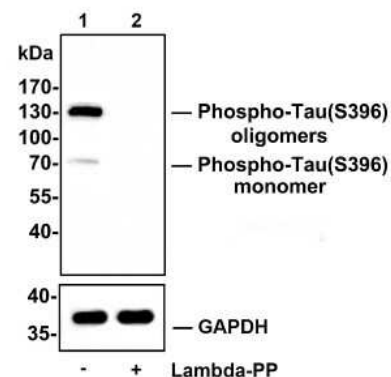
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SN62-09
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	4137
Gene Symbol	MAPT
Species	Human, Mouse, Rat
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Ser396 of human Tau. (SwissProt: P10636 Human; SwissProt: P10637 Mouse; SwissProt: P19332 Rat)

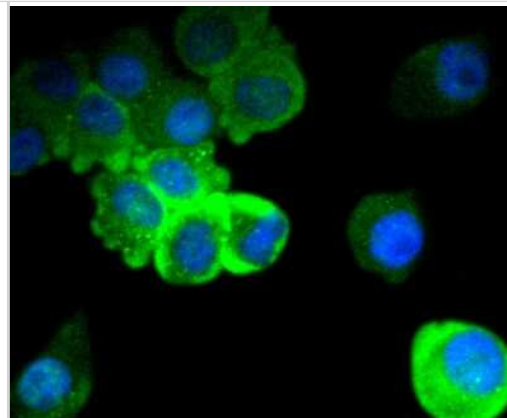
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin 1:50-1:200, Immunohistochemistry-Frozen 1:100

Images

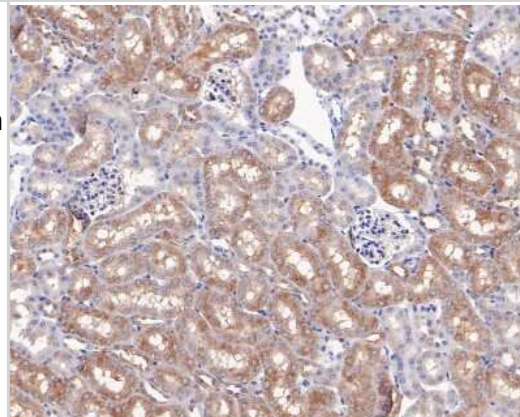
Western Blot: Tau [p Ser396] Antibody (SN62-09) [NBP2-67702] - Analysis of Tau (p Ser396) on SHSY5Y cell lysates. Lane 1: SHSY5Y cells, whole cell lysate, 10ug/lane Lane 2: SHSY5Y cells treated with 2.8ug/ul lambda-PP for 30 minutes, whole cell lysates, 10ug/lane All lanes : Anti-Tau (p Ser396) antibody at 1/500 dilution. Anti-GAPDH antibody at 1/10,000 dilution. Goat Anti-Rabbit IgG H&L (HRP) at 1/200,000 dilution. Predicted band size: 79 kDa Observed band size: 70/130 kDa Blocking and diluting buffer: 5% BSA. Exposure time: 2 minutes 34 seconds



Immunocytochemistry/Immunofluorescence: Tau [p Ser396] Antibody (SN62-09) [NBP2-67702] - Staining phospho -Tau(S396) in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Tau [p Ser396] Antibody (SN62-09) [NBP2-67702] - Analysis of paraffin-embedded mouse kidney tissue with Rabbit anti-Tau [p Ser396] antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Western Blot: Tau [p Ser396] Antibody (SN62-09) [NBP2-67702] - Western blot analysis of Tau on SHSY5Y cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rab

kDa

250-

150-

100-

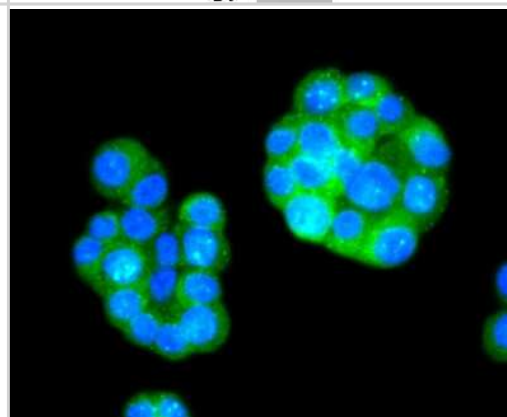
75-

50-

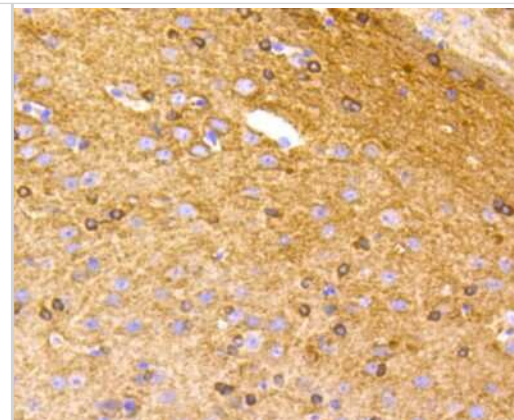
37-

37-

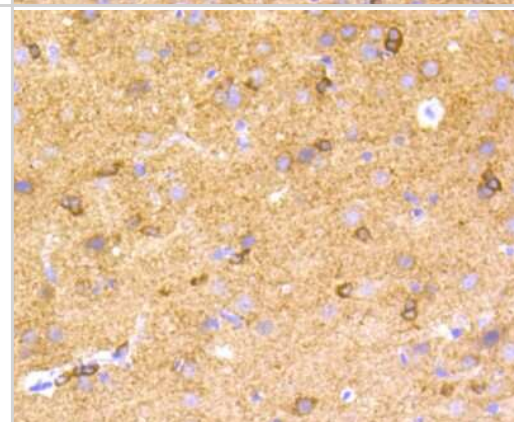
Immunocytochemistry/Immunofluorescence: Tau [p Ser396] Antibody (SN62-09) [NBP2-67702] - Staining phospho -Tau(S396) in PC12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



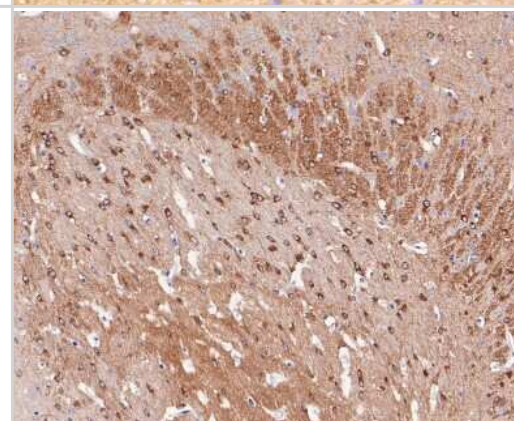
Immunohistochemistry-Paraffin: Tau [p Ser396] Antibody (SN62-09) [NBP2-67702] - Analysis of paraffin-embedded mouse brain tissue using anti-phospho-Tau(S396) antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Tau [p Ser396] Antibody (SN62-09) [NBP2-67702] - Analysis of paraffin-embedded rat brain tissue using anti-phospho-Tau(S396) antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Tau [p Ser396] Antibody (SN62-09) [NBP2-67702] - Analysis of paraffin-embedded mouse brain tissue with Rabbit anti-Tau [p Ser396] antibody washed with ddH₂O and PBS, and then probed with the primary antibody at 1/50 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Publications

Mody P Mechanisms of cytomegalovirus regulation of neurodegenerative markers Sci Rep 2019-06-21 [PMID: 31217489]

Pan Y, Zhang Y, Liu N et al. Vitamin D Attenuates Alzheimer-like Pathology Induced by Okadaic Acid ACS chemical neuroscience 2021-04-21 [PMID: 33818056]

Mody P Mechanisms of cytomegalovirus regulation of neurodegenerative markers Thesis (WB)



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Products Related to NBP2-67702

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-76793-100ug	Recombinant Human Tau Active, (K18), P301L Mutant, Pre-formed Fibrils Protein

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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