

# Product Datasheet

## PPP2CB [p Tyr307] Antibody (ST49-05) NBP2-67512

Unit Size: 100  $\mu$ l

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

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Updated 1/3/2023 v.20.1

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**NBP2-67512****PPP2CB [p Tyr307] Antibody (ST49-05)****Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	ST49-05
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

**Product Description**

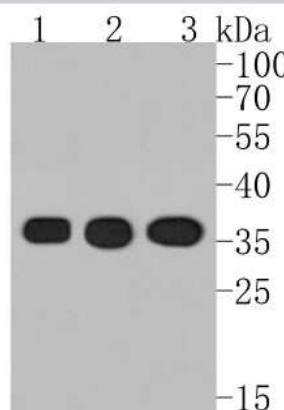
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	PPP2CB
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic phospho-peptide corresponding to residues surrounding Tyr307 of Human PPP2CB aa 260-309 / 309. (SwissProt: P62714 Human; SwissProt: P67775 Human; SwissProt: P62715 Mouse; SwissProt: P63330 Mouse; SwissProt: P62716 Rat; SwissProt: P63331 Rat)

**Product Application Details**

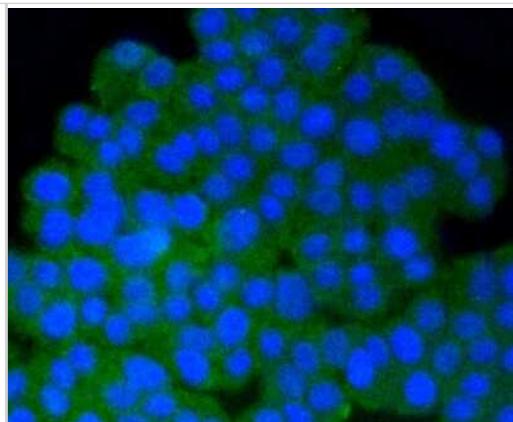
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:5000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

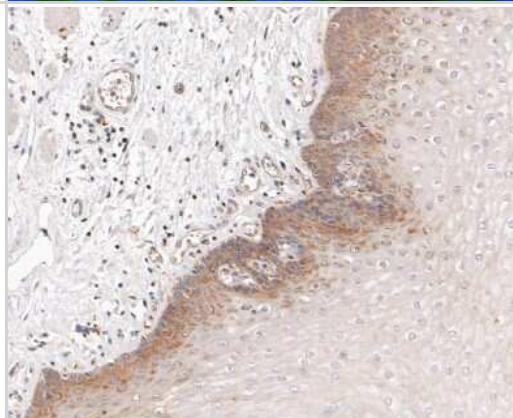
Western Blot: PPP2CB [p Tyr307] Antibody (ST49-05) [NBP2-67512] - Analysis of PPP2CB [p Tyr307] on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: F9 cell lysate Lane 2: PC-12 cell lysate Lane 3: A431 cell lysate



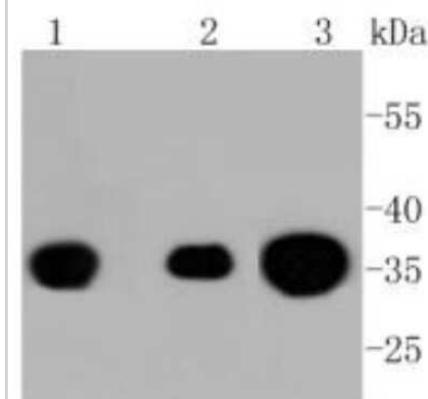
Immunocytochemistry/Immunofluorescence: PPP2CB [p Tyr307] Antibody (ST49-05) [NBP2-67512] - Staining Phospho-PP2A(pY307) in PC12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



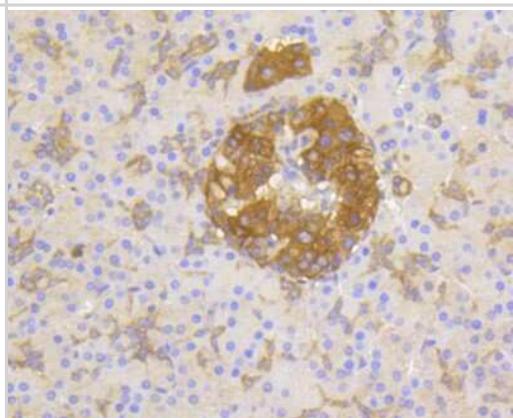
Immunohistochemistry-Paraffin: PPP2CB [p Tyr307] Antibody (ST49-05) [NBP2-67512] - Analysis of paraffin-embedded human esophagus tissue with Rabbit anti-PPP2CB [p Tyr307] antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/200 dilution for 1 hour at room temperature. 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.



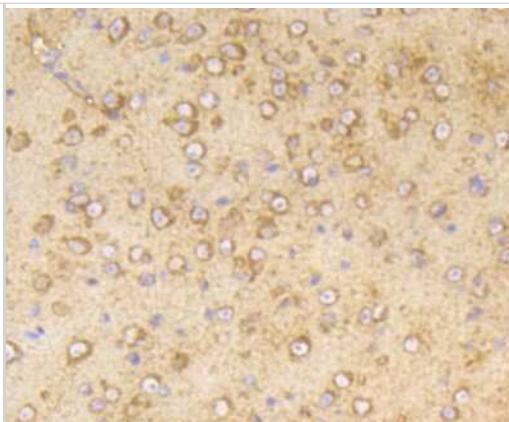
Western Blot: PPP2CB [p Tyr307] Antibody (ST49-05) [NBP2-67512] - Analysis of Phospho-PP2A(pY307) on different lysates using anti-Phospho-PP2A(pY307) antibody at 1/1,000 dilution. Positive control: Lane 1: A431 Lane 2: F9 Lane 3: PC12



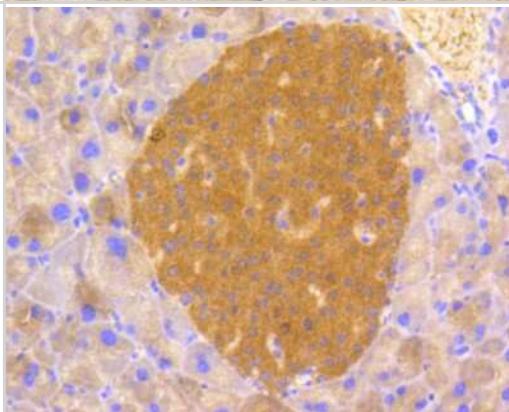
Immunohistochemistry-Paraffin: PPP2CB [p Tyr307] Antibody (ST49-05) [NBP2-67512] - Analysis of paraffin-embedded human pancreas tissue using anti-Phospho-PP2A(pY307) antibody. Counter stained with hematoxylin.



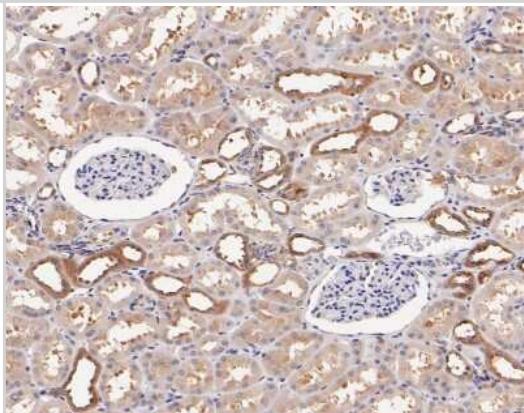
Immunohistochemistry-Paraffin: PPP2CB [p Tyr307] Antibody (ST49-05) [NBP2-67512] - Analysis of paraffin-embedded mouse brain tissue using anti-Phospho-PP2A(pY307) antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PPP2CB [p Tyr307] Antibody (ST49-05) [NBP2-67512] - Analysis of paraffin-embedded mouse pancreas tissue using anti-Phospho-PP2A(pY307) antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PPP2CB [p Tyr307] Antibody (ST49-05) [NBP2-67512] - Analysis of paraffin-embedded human kidney tissue with Rabbit anti-Phospho-PP2A(Y307) antibody washed with ddH<sub>2</sub>O 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.





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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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