

Product Datasheet

Gephyrin/GPHN Antibody - BSA Free NBP2-16641

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-16641

Gephyrin/GPHN Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	80 kDa

Product Description

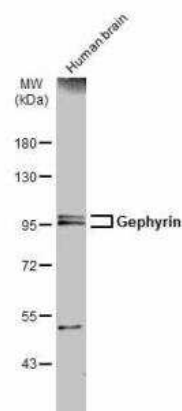
Host	Rabbit
Gene ID	10243
Gene Symbol	GPHN
Species	Human, Mouse, Rat
Reactivity Notes	Xenopus laevis (99%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Gephyrin/GPHN. The exact sequence is proprietary.

Product Application Details

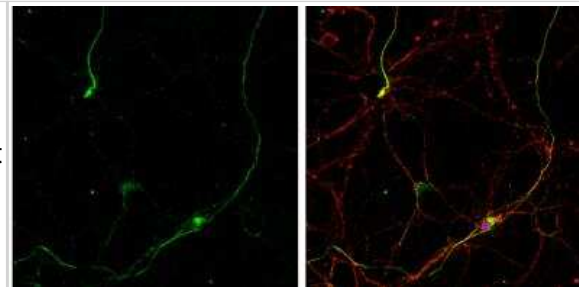
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000

Images

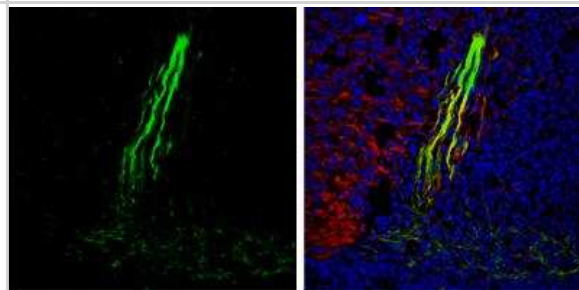
Western Blot: Gephyrin/GPHN Antibody [NBP2-16641] - Human tissue extract (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Gephyrin antibody [N2C1], Internal diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



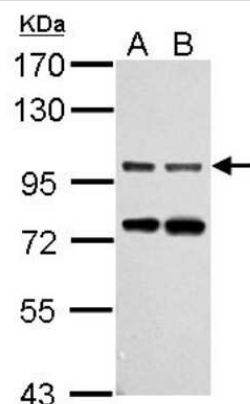
Immunocytochemistry/Immunofluorescence: Gephyrin/GPHN Antibody [NBP2-16641] - DIV10 rat E18 primary hippocampal neurons were fixed in 4% paraformaldehyde at RT for 15 min. Green: Gephyrin protein stained by Gephyrin antibody [N2C1], Internal diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [1338] diluted at 1:500. Blue: Fluoroshield with DAPI.



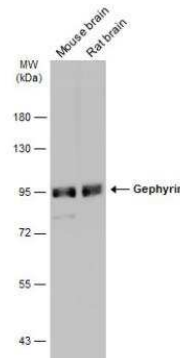
Immunohistochemistry-Frozen: Gephyrin/GPHN Antibody [NBP2-16641] - Frozen sectioned E13.5 Rat brain. Green: Gephyrin protein stained by Gephyrin antibody [N2C1], Internal diluted at 1:250. Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [11710] diluted at 1:500. Blue: Fluoroshield with DAPI.



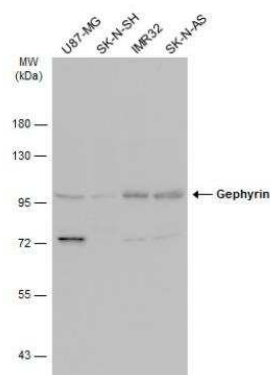
Western Blot: Gephyrin/GPHN Antibody [NBP2-16641] - Sample (30 ug of whole cell lysate) A: NIH-3T3 B: JC 7. 5% SDS PAGE gel, diluted at 1:1000.



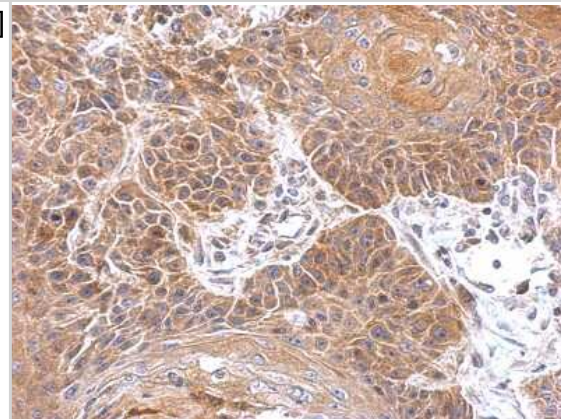
Western Blot: Gephyrin/GPHN Antibody [NBP2-16641] - Various tissue extracts (50 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Gephyrin antibody [N2C1], Internal diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



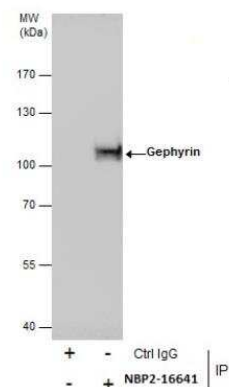
Western Blot: Gephyrin/GPHN Antibody [NBP2-16641] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Gephyrin antibody [N2C1], Internal diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunohistochemistry-Paraffin: Gephyrin/GPHN Antibody [NBP2-16641] - Analysis of paraffin-embedded mouse brain, using antibody at 1:500 dilution.



Immunoprecipitation: Gephyrin/GPHN Antibody [NBP2-16641] - A431 whole cell extracts using 5 ug of Gephyrin antibody [N2C1], Internal. Western blot analysis was performed using Gephyrin antibody [N2C1], Internal. EasyBlot anti-Rabbit IgG was used as a secondary reagent.





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Products Related to NBP2-16641

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00010243-Q01-10ug	Recombinant Human Gephyrin/GPHN GST (N-Term) 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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