

# Product Datasheet

## Gephyrin/GPHN Antibody - BSA Free NBP1-87876

Unit Size: 0.1 ml

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

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**NBP1-87876**

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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

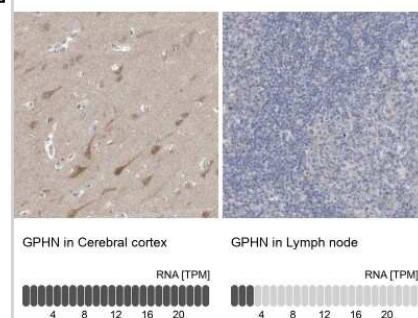
Product Description	
Host	Rabbit
Gene ID	10243
Gene Symbol	GPHN
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SRCSSKENILRASHSAVDITKVARRHRMSPFPLTSMDKAFITVLEMTPVLGTEIIN YRDGMGRVLAQDVYAKDNLPPFPASVKDGYAVRAADGPGDRFIIGESQAGEQ PTQTVMPGQVMRVTTGAIPCGADAVVQVEDT

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

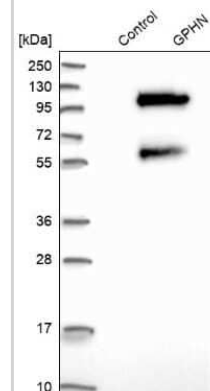


## Images

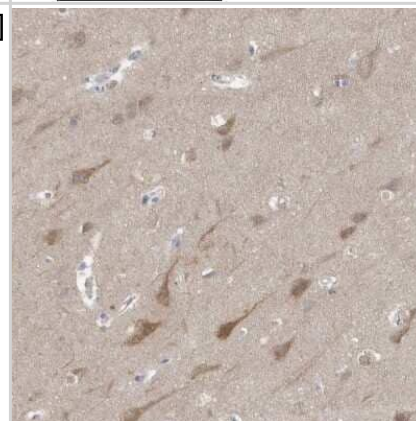
**Immunohistochemistry-Paraffin: Gephyrin/GPHN Antibody [NBP1-87876]**  
 - Staining in human cerebral cortex and lymph node tissues using anti-GPHN antibody. Corresponding GPHN RNA-seq data are presented for the same tissues.



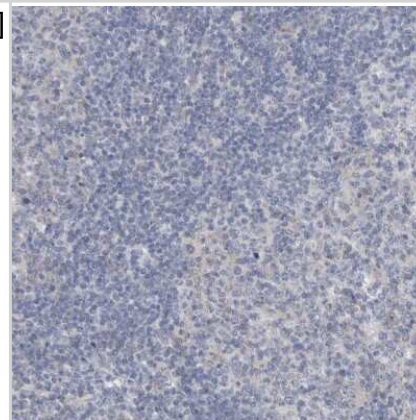
**Western Blot: Gephyrin/GPHN Antibody [NBP1-87876]** - Analysis in control (vector only transfected HEK293T lysate) and GPHN over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



**Immunohistochemistry-Paraffin: Gephyrin/GPHN Antibody [NBP1-87876]**  
 - Staining of human cerebral cortex shows high expression.



**Immunohistochemistry-Paraffin: Gephyrin/GPHN Antibody [NBP1-87876]**  
 - Staining of human lymph node shows low expression as expected.





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### **Products Related to NBP1-87876**

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NBP1-87876PEP	Gephyrin/GPHN Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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