

# Product Datasheet

## SNAP25 Antibody NBP1-33714

Unit Size: 0.1 ml

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

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### Publications: 1

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**NBP1-33714**

## SNAP25 Antibody

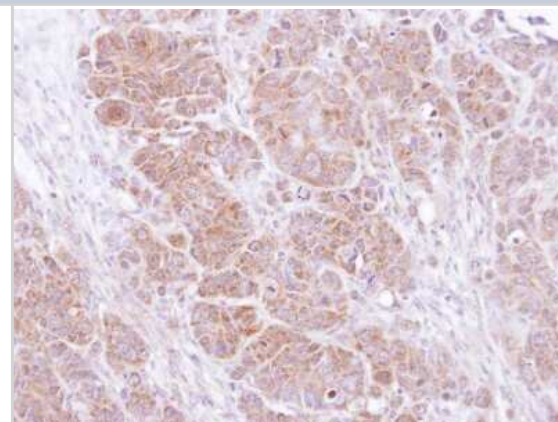
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	23 kDa

Product Description	
Description	Novus Biologicals Rabbit SNAP25 Antibody (NBP1-33714) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6616
Gene Symbol	SNAP25
Species	Human, Mouse, Rat, Zebrafish
Immunogen	Recombinant protein encompassing a sequence within the center region of human SNAP25. The exact sequence is proprietary.

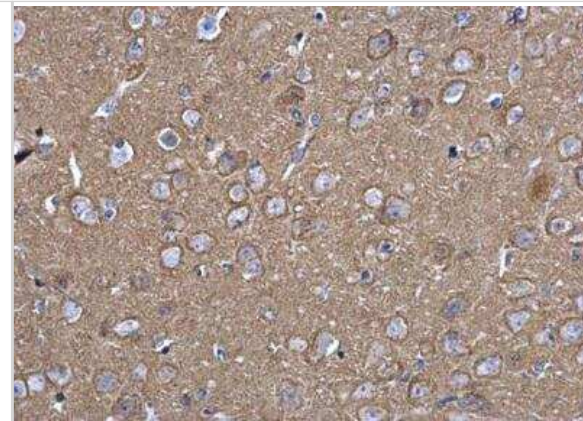
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry Whole-Mount
Recommended Dilutions	Western Blot 1:500-1:3000, Simple Western 1:20 - 1:250, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000, Immunohistochemistry Whole-Mount Assay dependent
Application Notes	See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in Mouse brain lysate, separated by Size, antibody dilution of 1:20, 1:100, 1:250, apparent MW was 32 kDa

**Images**

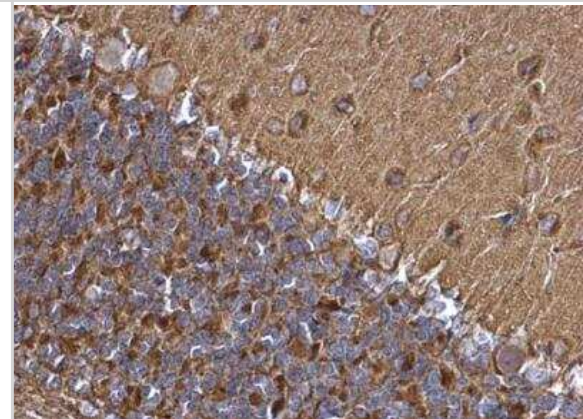
Immunohistochemistry-Paraffin: SNAP25 Antibody [NBP1-33714] - Paraffin-embedded SW480 xenograft, using antibody at 1:100 dilution.



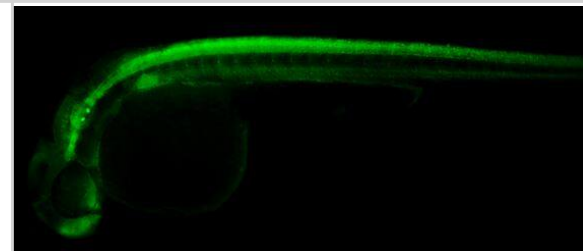
Immunohistochemistry-Paraffin: SNAP25 Antibody [NBP1-33714] - Mouse fore brain. SNAP25 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



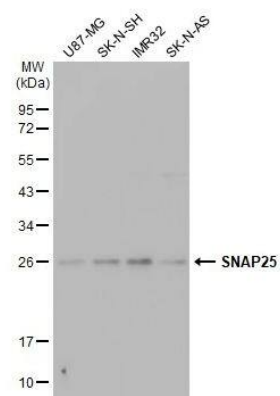
Immunohistochemistry-Paraffin: SNAP25 Antibody [NBP1-33714] - Rat hind brain. SNAP25 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



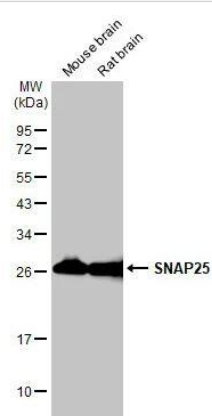
Immunohistochemistry-Whole-Mount: SNAP25 Antibody [NBP1-33714] - Paraformaldehyde-fixed 2 days-post-fertilization zebrafish embryo. Green: SNAP25 stained by SNAP25 antibody diluted at 1:50. Antigen Retrieval: Tris-HCl buffer, pH 9.0, 20 min at 70 C



Western Blot: SNAP25 Antibody [NBP1-33714] -Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with SNAP25 antibody diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Western Blot: SNAP25 Antibody [NBP1-33714] - Various tissue extracts (50 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with SNAP25 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



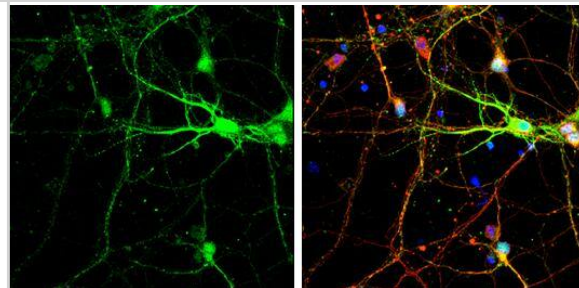
SNAP25 antibody detects SNAP25 protein at cell body and synaptic vesicles by immunofluorescent analysis.

Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SNAP25 protein stained by SNAP25 antibody (NBP1-33714) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, a neuron cell marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] diluted at 1:500.

Blue: Fluoroshield with DAPI .



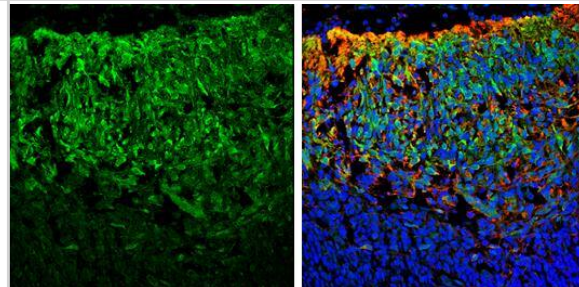
SNAP25 antibody detects SNAP25 protein expression by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 Rat brain.

Green: SNAP25 protein stained by SNAP25 antibody (NBP1-33714) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] diluted at 1:500.

Blue: Fluoroshield with DAPI .



## Publications

Chen H, Michele D Syntaxin 4-enhanced plasma membrane repair is independent of dysferlin in skeletal muscle  
American Journal of Physiology - Cell Physiology 2025-02-01 [PMID: 39726261]



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### **Products Related to NBP1-33714**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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