

# Product Datasheet

## Glutamate Receptor 6 Antibody (4B4L9) NBP3-16867-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP3-16867-100ul****Glutamate Receptor 6 Antibody (4B4L9)**

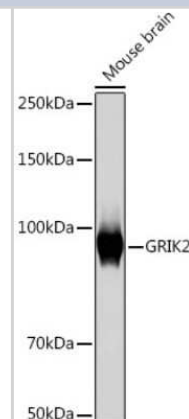
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4B4L9
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	103 kDa

Product Description	
Description	Novus Biologicals Rabbit Glutamate Receptor 6 Antibody (4B4L9) (NBP3-16867) is a recombinant monoclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2898
Gene Symbol	GRIK2
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 50-150 of human Glutamate Receptor 6 (Q13002). MGAEELAFRFAVNTINRNRTLLPNTTLTYDTQKINLYDSFEASKKACDQLSLGV AAIFGPSHSSSANAVQSICNALGVPHIQTRWKHQVSDNKDSFYVSLY

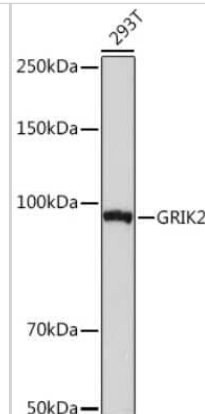
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

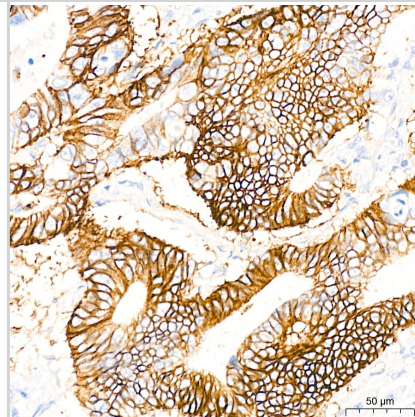
Western Blot: Glutamate Receptor 6 Antibody (4B4L9) [NBP3-16867] - Western blot analysis of extracts of Mouse brain, using Glutamate Receptor 6 Rabbit mAb (NBP3-16867) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



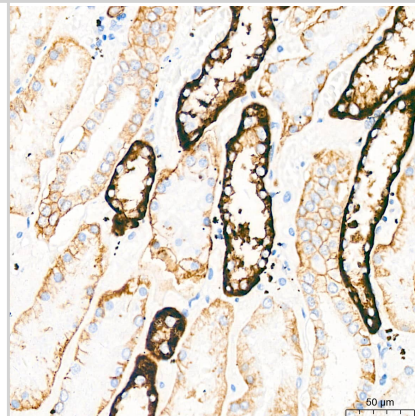
**Western Blot: Glutamate Receptor 6 Antibody (4B4L9) [NBP3-16867] -** Western blot analysis of extracts of 293T cells, using Glutamate Receptor 6 Rabbit mAb (NBP3-16867) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



**Immunohistochemistry: Glutamate Receptor 6 Antibody (4B4L9) [NBP3-16867] -** Immunohistochemistry analysis of Glutamate Receptor 6 in paraffin-embedded human colon carcinoma tissue using Glutamate Receptor 6 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



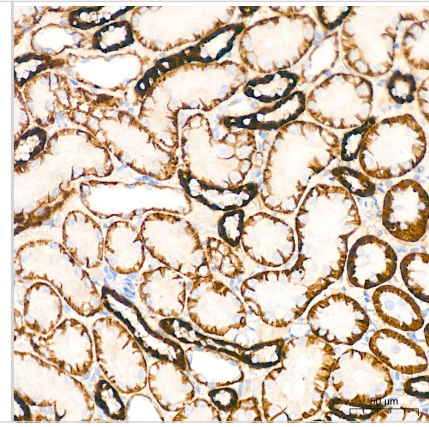
**Immunohistochemistry: Glutamate Receptor 6 Antibody (4B4L9) [NBP3-16867] -** Immunohistochemistry analysis of Glutamate Receptor 6 in paraffin-embedded human kidney tissue using Glutamate Receptor 6 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



**Immunohistochemistry: Glutamate Receptor 6 Antibody (4B4L9) [NBP3-16867] -** Immunohistochemistry analysis of Glutamate Receptor 6 in paraffin-embedded mouse intestine tissue using Glutamate Receptor 6 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: Glutamate Receptor 6 Antibody (4B4L9) [NBP3-16867] - Immunohistochemistry analysis of Glutamate Receptor 6 in paraffin-embedded rat kidney tissue using Glutamate Receptor 6 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.





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### **Products Related to NBP3-16867-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002898-P01-10ug	Recombinant Human Glutamate Receptor 6 GST (N-Term) Protein

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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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