

# Product Datasheet

## **GAD1/GAD67 Antibody (HL1096)** **NBP3-13716**

Unit Size: 100 ul

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

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**NBP3-13716**

GAD1/GAD67 Antibody (HL1096)

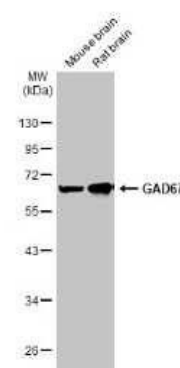
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL1096
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Centrifuge briefly prior to opening.
Host	Rabbit
Gene Symbol	GAD1
Species	Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the center region of human GAD1/GAD67. The exact sequence is proprietary.

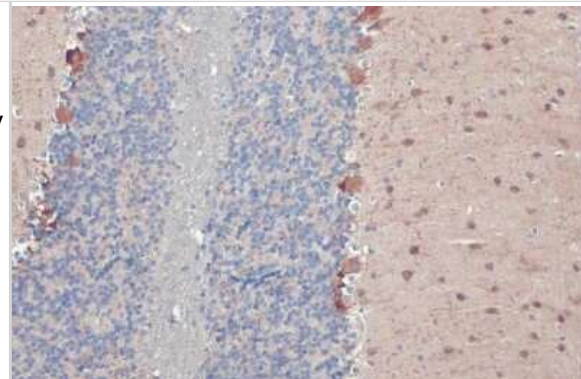
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin

**Images**

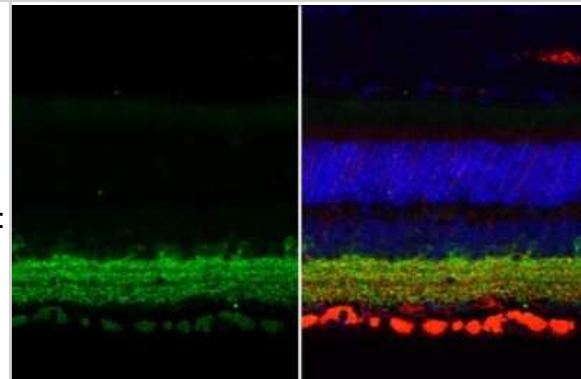
Western Blot: GAD1/GAD67 Antibody (HL1096) [NBP3-13716] - Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GAD1/GAD67 antibody [HL1096] (NBP3-13716) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



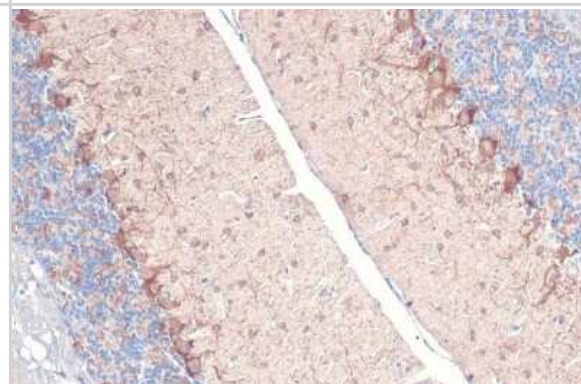
Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (HL1096) [NBP3-13716] - GAD1/GAD67 antibody [HL1096] detects GAD1/GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat brain. GAD1/GAD67 stained by GAD1/GAD67 antibody [HL1096] (NBP3-13716) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



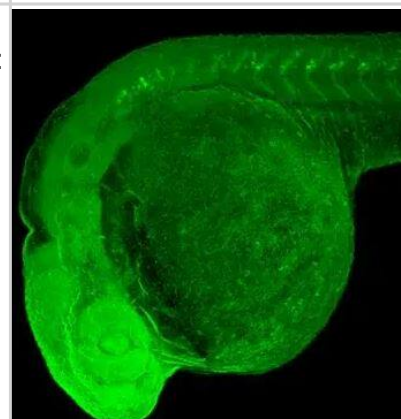
Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (HL1096) [NBP3-13716] - GAD1/GAD67 antibody [HL1096] detects GAD1/GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse eye. Green: GAD1/GAD67 stained by GAD1/GAD67 antibody [HL1096] (NBP3-13716) diluted at 1:100. Red: beta Tubulin 3/ Tuj1, a neural marker, stained by beta Tubulin 3/ Tuj1 antibody [GT11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



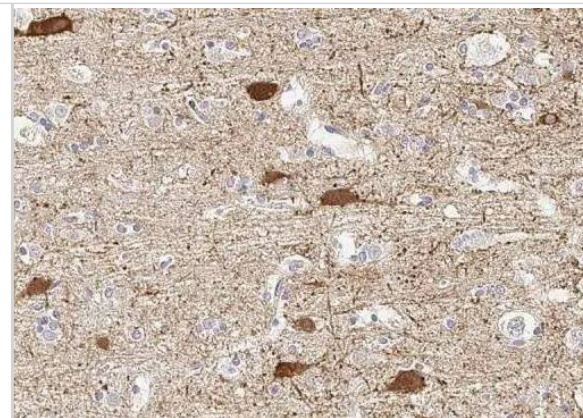
Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (HL1096) [NBP3-13716] - GAD1/GAD67 antibody [HL1096] detects GAD1/GAD67 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse brain. GAD1/GAD67 stained by GAD1/GAD67 antibody [HL1096] (NBP3-13716) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



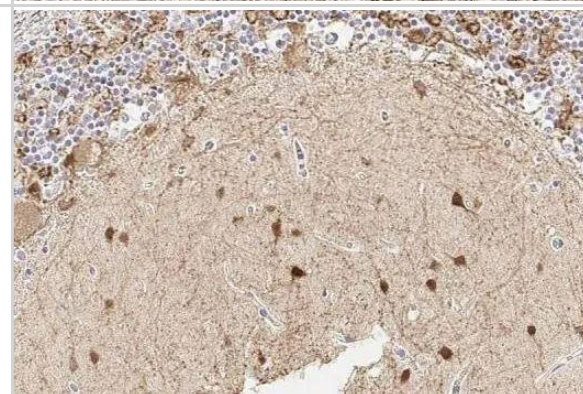
IHC-Wm- GAD1/GAD67 Antibody (HL1096) [NBP3-13716] - Paraformaldehyde-fixed 1 day-post-fertilization zebrafish embryo. Green: GAD67 stained by GAD67 antibody [HL1096] diluted at 1:200. Antigen Retrieval: Tris-HCl buffer, pH 9.0, 20 min at 70°C



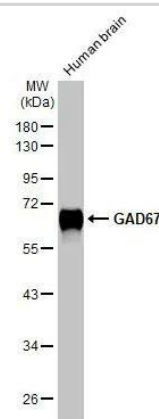
Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (HL1096) [NBP3-13716] - Dog cerebellum. GAD67 stained by GAD67 antibody [HL1096] diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



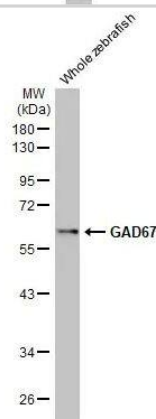
Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (HL1096) [NBP3-13716] - Cat cerebellum. GAD67 stained by GAD67 antibody [HL1096] diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



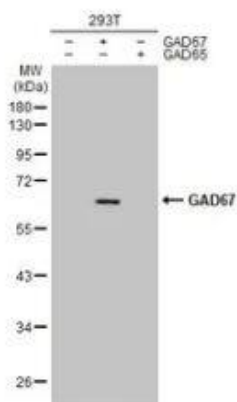
Western Blot: GAD1/GAD67 Antibody (HL1096) [NBP3-13716] -Human tissue extract (10 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with GAD67 antibody [HL1096] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Western Blot: GAD1/GAD67 Antibody (HL1096) [NBP3-13716] -Whole zebrafish extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with GAD67 antibody [HL1096] diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Western Blot: GAD1/GAD67 Antibody (HL1096) [NBP3-13716] -Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GAD67 antibody [HL1096] diluted at 1:50000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.







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### **Products Related to NBP3-13716**

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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
NBP2-51655-0.05mg	Recombinant Human GAD1/GAD67 His 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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