

# VGLUT2 antibody

## Cat. No. GTX133142

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC (Free Floating)
Reactivity	Mouse, Rat



## Applications

### **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	Assay dependent
IHC-Fr	1:100-1:1000
IHC (Free Floating)	Assay dependent
Not tested in other applications.	

Calculated MW	65 kDa. ( <u>Note</u> )
---------------	-------------------------

Properties	
Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.22 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of mouse VGLUT2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



For full product information, images and publications, please visit our <u>website</u>.

Date 2025 / 12 / 02 Page 1 of 2

€ 886-3-6208988 886-3-6208989 infoasia@genetex.com

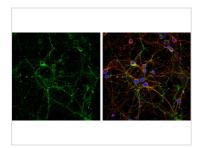


Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

#### DATA IMAGES



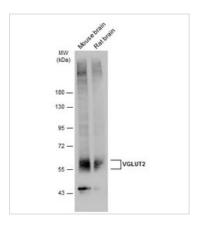
#### GTX133142 ICC/IF Image

VGLUT2 antibody detects VGLUT2 protein by immunofluorescent analysis.

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

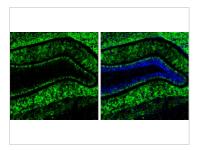
Green: VGLUT2 stained by VGLUT2 antibody (GTX133142) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT1338] (GTX631831) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).



#### GTX133142 WB Image

Various tissue extracts (50  $\mu$ g) were separated by 7.5% SDS-PAGE, and the membrane was blotted with VGLUT2 antibody (GTX133142) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



#### GTX133142 IHC-Fr Image

VGLUT2 antibody detects VGLUT2 protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse hippocampus.

Green: VGLUT2 stained by VGLUT2 antibody (GTX133142) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 10 min



For full product information, images and publications, please visit our website.

Date 2025 / 12 / 02 Page 2 of 2