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

References (3)

Review (4)

Package
100 µl, 25 µl

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. (Note)

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 4ºC. For long-term storage, aliquot and store at -20ºC 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 website.

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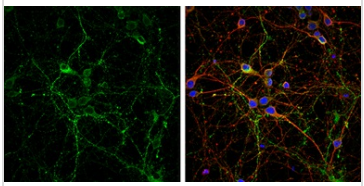
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Note

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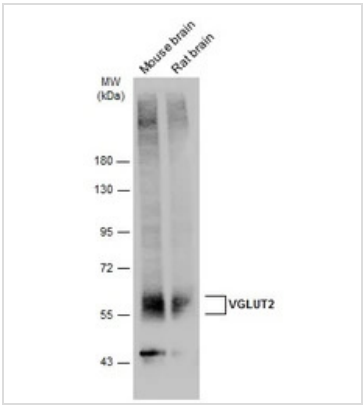
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DATA IMAGES



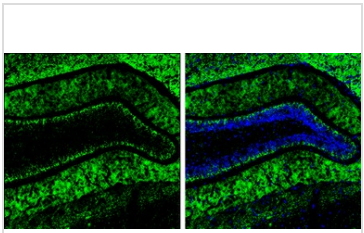
GTX133142 ICC/IF Image

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 µg) 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

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