

VGluT1 antibody [GT34]

Cat. No. GTX641142

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, IHC-P
Reactivity	Human, Mouse, Rat

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
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 45-55 (smear pattern) kDa.

Product Note Highly recommended for IHC-P in mouse tissues.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	The immunogen used to generate this antibody corresponds to human VGluT1.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

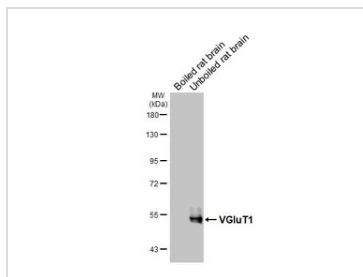
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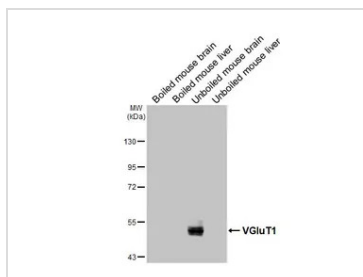
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DATA IMAGES



GTX641142 WB Image

Boiled and unboiled rat tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with VGLuT1 antibody [GT34] (GTX641142) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



GTX641142 WB Image

Boiled and unboiled various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with VGLuT1 antibody [GT34] (GTX641142) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



GTX641142 IHC-P Image

VGLuT1 antibody [GT34] detects VGLuT1 protein by immunohistochemical analysis.
 Sample: Paraffin-embedded mouse brain.
 VGLuT1 stained by VGLuT1 antibody [GT34] (GTX641142) diluted at 1:100.
 Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX641142 IHC-P Image

VGLuT1 antibody [GT34] detects VGLuT1 protein by immunohistochemical analysis.
 Sample: Paraffin-embedded mouse hippocampus.
 VGLuT1 stained by VGLuT1 antibody [GT34] (GTX641142) diluted at 1:100.
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VGLuT1 antibody [GT34] detects VGLuT1 protein by immunohistochemical analysis.
 Sample: Paraffin-embedded mouse brain.
 VGLuT1 stained by VGLuT1 antibody [GT34] (GTX641142) diluted at 1:100.
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