

VGluT1 antibody [GT34]

Cat. No. GTX641142

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, 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
ICC/IF	Assay dependent
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	Recombinant fragment of rat VGluT1.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

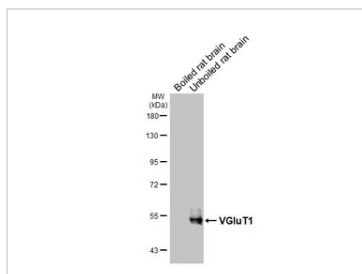


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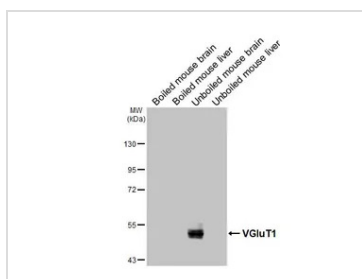
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Note

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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.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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