

GluR1 antibody [GT301]

Cat. No. GTX645027

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

Calculated MW	102 kDa. (Note)
Observed MW (kDa)	102 kDa.
Product Note	This antibody was raised against rat GluR1 Extracellular domain.

Properties

Form	Liquid
Buffer	PBS, 10% Treholose
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 GluR1.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



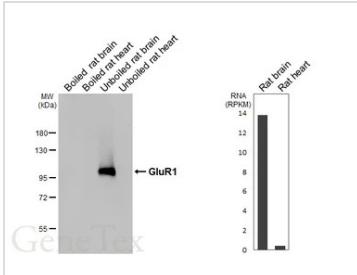
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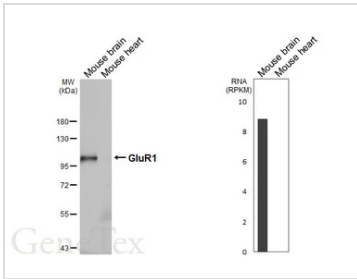
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Note

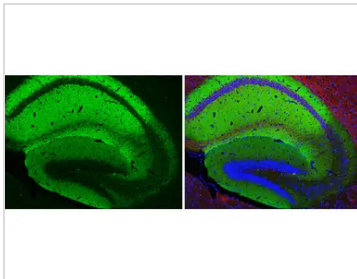
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DATA IMAGES

GTX645027 WB Image

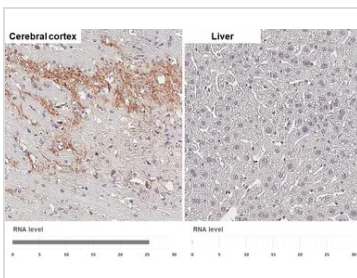
Boiled and unboiled various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GluR1 antibody [GT301] (GTX645027) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody, and the signal was developed with Trident femto Western HRP Substrate. Corresponding RNA expression data are based on NCBI database.


GTX645027 WB Image

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with GluR1 antibody [GT301] (GTX645027) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody. Corresponding RNA expression data are based on NCBI database.


GTX645027 IHC-P Image

GluR1 antibody [GT301] detects GluR1 protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse hippocampus. Green: GluR1 stained by GluR1 antibody [GT301] (GTX645027) diluted at 1:200. Red: beta Tubulin 3/ Tuj1 antibody (GTX130245) diluted at 1:250. Blue: Fluoroshield with DAPI (GTX30920). Antigen Retrieval: Citrate buffer, pH 6.0, 15 min


GTX645027 IHC-P Image

GluR1 antibody [GT301] detects GluR1 protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse tissues. GluR1 stained by GluR1 antibody [GT301] (GTX645027) diluted at 1:200. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min. Corresponding RNA levels (RPKM) in the tissues are based on NCBI database.



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