

GLUT3 antibody

Cat. No. GTX129175

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC (Free Floating)
Reactivity	Human, Mouse, Rat

Reference (2)
 Package
 100 µl, 25 µl

APPLICATION

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 (Free Floating)	Assay dependent

Note : As is commonly seen with membrane proteins, significant hydrophobicity can lead to aggregation following boiling of samples prior to SDS-PAGE and subsequent western blotting. We recommend to avoid boiling in this case.

Not tested in other applications.

Calculated MW 54 kDa. ([Note](#))

PROPERTIES

Form	Liquid
Buffer	PBS, 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	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide encompassing a sequence within the Intracellular domain of human GLUT3. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



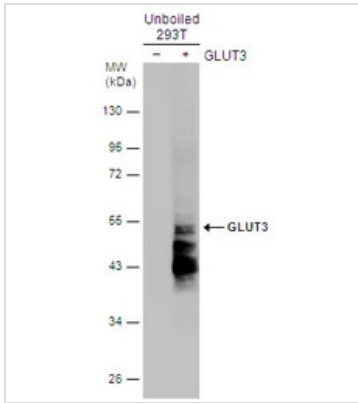
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Note

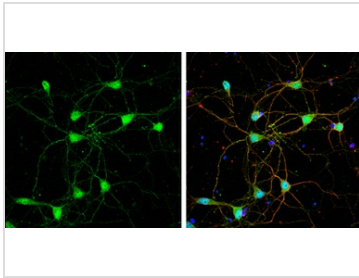
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DATA IMAGES



GTX129175 WB Image

Unboiled non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with GLUT3 antibody (GTX129175) diluted at 1:2000.



GTX129175 ICC/IF Image

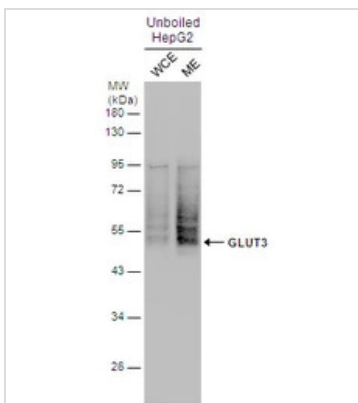
GLUT3 antibody detects GLUT3 protein by immunofluorescent analysis.

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

Green: GLUT3 stained by GLUT3 antibody (GTX129175) 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).



GTX129175 WB Image

Unboiled HepG2 whole cell and membrane extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with GLUT3 antibody (GTX129175) diluted at 1:500. (WCE: whole cell extract; ME: membrane extract)



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