

Product Datasheet

Glut3 Antibody NBP3-12885

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-12885**Glut3 Antibody**

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol (pH7)
Target Molecular Weight	54 kDa

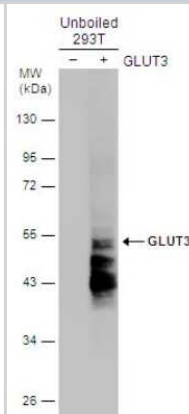
Product Description	
Description	Centrifuge briefly prior to opening.
Host	Rabbit
Gene Symbol	SLC2A3
Species	Human, Mouse, Rat
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Glut3. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry Free-Floating
Application Notes	IHC (Free Floating) Assay dependent. WB 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.



Images

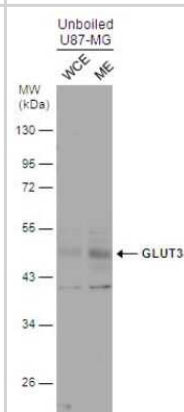
Western Blot: Glut3 Antibody [NBP3-12885] - Unboiled non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Glut3 antibody (NBP3-12885) diluted at 1:2000.



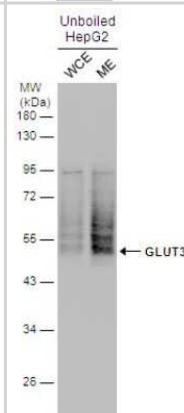
Immunocytochemistry/Immunofluorescence: Glut3 Antibody [NBP3-12885] - Glut3 antibody detects Glut3 protein by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Glut3 stained by Glut3 antibody (NBP3-12885) diluted at 1:500. Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT1338] (NBP3-13505) diluted at 1:500. Blue: Fluoroshield with DAPI.



Western Blot: Glut3 Antibody [NBP3-12885] - Unboiled U87-MG whole cell and membrane extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Glut3 antibody (NBP3-12885) diluted at 1:500. (WCE: whole cell extract; ME: membrane extract)



Western Blot: Glut3 Antibody [NBP3-12885] - Unboiled HepG2 whole cell and membrane extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Glut3 antibody (NBP3-12885) diluted at 1:500. (WCE: whole cell extract; ME: membrane extract)





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006515-P01-2ug	Recombinant Human Glut3 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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