



# Glut3 Polyclonal Antibody

|                    |                                                                                                                                                                                                                                                                                              |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No         | BYab-00698                                                                                                                                                                                                                                                                                   |
| Isotype            | IgG                                                                                                                                                                                                                                                                                          |
| Reactivity         | Human;Rat;Mouse;                                                                                                                                                                                                                                                                             |
| Applications       | WB;IHC;IF;ELISA                                                                                                                                                                                                                                                                              |
| Gene Name          | SLC2A3                                                                                                                                                                                                                                                                                       |
| Protein Name       | Solute carrier family 2 facilitated glucose transporter member 3                                                                                                                                                                                                                             |
| Immunogen          | The antiserum was produced against synthesized peptide derived from human GLUT3. AA range:447-496                                                                                                                                                                                            |
| Specificity        | Glut3 Polyclonal Antibody detects endogenous levels of Glut3 protein.                                                                                                                                                                                                                        |
| Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                      |
| Source             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                       |
| Purification       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                        |
| Dilution           | WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200                                                                                                                                                                                                                         |
| Concentration      | 1 mg/ml                                                                                                                                                                                                                                                                                      |
| Purity             | ≥90%                                                                                                                                                                                                                                                                                         |
| Storage Stability  | -20°C/1 year                                                                                                                                                                                                                                                                                 |
| Synonyms           | SLC2A3; GLUT3; Solute carrier family 2; facilitated glucose transporter member 3; Glucose transporter type 3, brain; GLUT-3                                                                                                                                                                  |
| Observed Band      | 55kD                                                                                                                                                                                                                                                                                         |
| Cell Pathway       | Cell membrane ; Multi-pass membrane protein . Perikaryon . Cell projection . Localized to densely spaced patches along neuronal processes. .                                                                                                                                                 |
| Tissue Specificity | Highly expressed in brain. Expressed in many tissues.                                                                                                                                                                                                                                        |
| Function           | function:Facilitative glucose transporter. Probably a neuronal glucose transporter.,similarity:Belongs to the major facilitator superfamily. Sugar transporter (TC 2.A.1.1) family. Glucose transporter subfamily.,tissue specificity:Highly expressed in brain. Expressed in many tissues., |
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Nanjing BYabscience technology Co.,Ltd



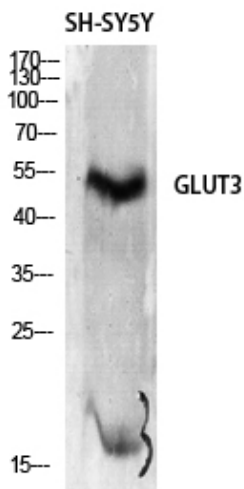
**matters needing attention**

Avoid repeated freezing and thawing!

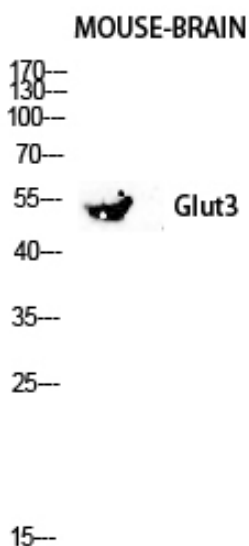
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Western Blot analysis of SH-SY5Y cells using Glut3 Polyclonal Antibody diluted at 1:2000



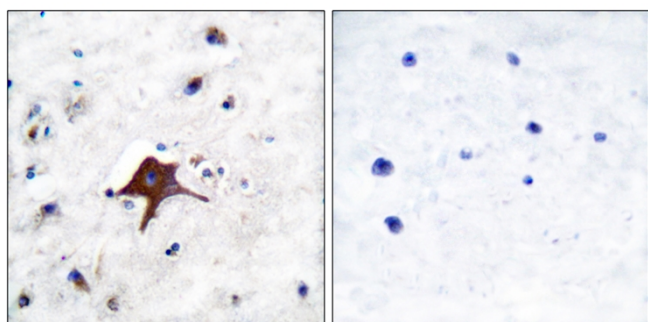
Western blot analysis of Mouse-kidney lysis using Glut3 antibody. Antibody was diluted at 1:2000

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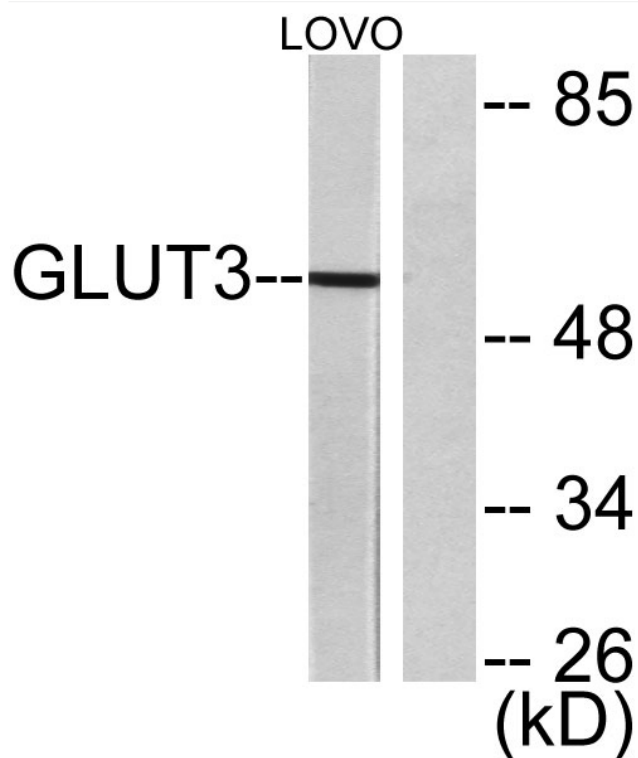
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监督电话: 15950492658



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using GLUT3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO cells, using GLUT3 Antibody. The lane on the right is blocked with the synthesized peptide.