

## Rabbit Glut1 Polyclonal Antibody | anti-Glut1 antibody

Glut1 Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA29030  | Rabbit | Human, Mouse, Rat | Western Blot, Immunohistochemistry, Immunofluorescence |

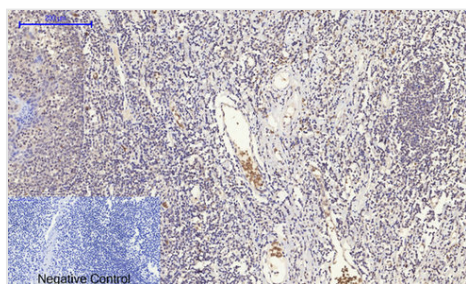
### PRODUCT SYNONYMS

Glut1; Polyclonal Antibody; Glut1 Polyclonal Antibody; SLC2A1; GLUT1; Solute carrier family 2; facilitated glucose transporter member 1; Glucose transporter type 1; erythrocyte/brain; GLUT-1; HepG2 glucose transporter; anti-Glut1 antibody

### PRODUCT SPECIFICATIONS

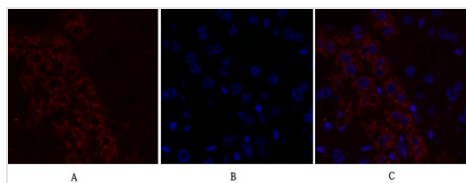
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-Glut1 antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)                                                                                |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



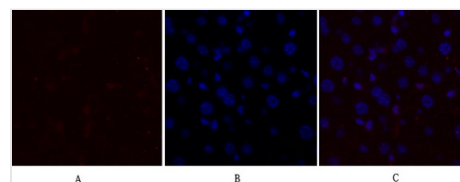
#### IHC (Immunohistochemistry)

Dilution: IF: 1:50-200 Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.  
ELISA: 1/40000. Not yet tested in other applications.



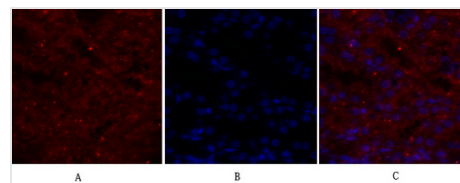
#### IF (Immunofluorescence)

Dilution: IF: 1:50-200 Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300.  
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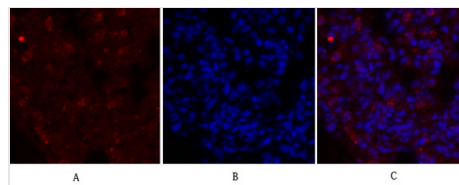
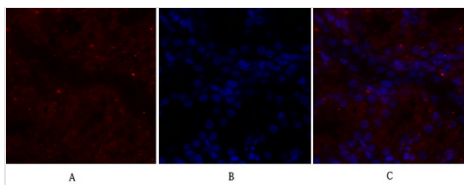
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## ADDITIONAL INFORMATION

### Related Product Information for anti-Glut1 antibody

Facilitative glucose transporter. This isoform may be responsible for constitutive or basal glucose uptake. Has a very broad substrate specificity; can transport a wide range of aldoses including both pentoses and hexoses.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 166795299                                                                                                                                                                                            |
| NCBI GeneID                      | 6513                                                                                                                                                                                                 |
| NCBI Accession #                 | NP_006507.2                                                                                                                                                                                          |
| NCBI GenBank Nucleotide #        | NM_006516.2                                                                                                                                                                                          |
| UniProt Accession #              | P11166; O75535; Q147X2; A8K9S6; B2R620; D3DPX0                                                                                                                                                       |
| Molecular Weight                 | 54,084 Da                                                                                                                                                                                            |
| NCBI Official Full Name          | solute carrier family 2, facilitated glucose transporter member 1                                                                                                                                    |
| NCBI Official Synonym Full Names | solute carrier family 2 (facilitated glucose transporter), member 1                                                                                                                                  |
| NCBI Official Symbol             | SLC2A1                                                                                                                                                                                               |
| NCBI Official Synonym Symbols    | PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLVR; GLUT1DS                                                                                                                                          |
| NCBI Protein Information         | solute carrier family 2, facilitated glucose transporter member 1; GLUT-1; hepG2 glucose transporter; glucose transporter type 1, erythrocyte/brain; human T-cell leukemia virus (I and II) receptor |
| UniProt Protein Name             | Solute carrier family 2, facilitated glucose transporter member 1                                                                                                                                    |
| UniProt Gene Name                | <b>SLC2A1</b>                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | GLUT1; GLUT-1                                                                                                                                                                                        |
| UniProt Entry Name               | GTR1_HUMAN                                                                                                                                                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glut1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29030>