

Datasheet for ABIN1495142

**anti-GLUT1 antibody (N-Term) (Magnetic Particles)**[Go to Product page](#)

## Overview

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| Quantity:            | 100 µg                                                  |
| Target:              | GLUT1 (SLC2A1)                                          |
| Binding Specificity: | N-Term                                                  |
| Reactivity:          | Human, Mouse, Rat                                       |
| Host:                | Rabbit                                                  |
| Clonality:           | Polyclonal                                              |
| Conjugate:           | This GLUT1 antibody is conjugated to Magnetic Particles |
| Application:         | Immunoprecipitation (IP)                                |

## Product Details

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | Synthetic peptide corresponding to a sequence at the N-terminal of human Glut1, different from the related mouse sequence by a single amino acid.<br><br>Type of Immunogen: Synthetic peptide |
| Specificity:                | Human, rat, mouse. No cross reactivity with other proteins.                                                                                                                                   |
| Cross-Reactivity (Details): | No cross reactivity with other proteins.                                                                                                                                                      |
| Purification:               | Immunoaffinity purified                                                                                                                                                                       |

## Target Details

|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Target:           | GLUT1 (SLC2A1)                                      |
| Alternative Name: | SLC2A1 / GLUT-1 ( <a href="#">SLC2A1 Products</a> ) |

## Target Details

|             |                                                                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Name/Gene ID: SLC2A1                                                                                                                                  |
|             | Subfamily: Sugar transporter                                                                                                                          |
|             | Family: Transporter                                                                                                                                   |
|             | Synonyms: SLC2A1, EIG12, GLUT1DS, DYT17, DYT18, DYT9, Glucose transporter 1, HepG2 glucose transporter, Glucose transporter GLUT1, GLUT-1, GLUT1, PED |
| Gene ID:    | 6513                                                                                                                                                  |
| UniProt:    | <a href="#">P11166</a>                                                                                                                                |
| Pathways:   | <a href="#">Sensory Perception of Sound</a> , <a href="#">Dicarboxylic Acid Transport</a> , <a href="#">Warburg Effect</a>                            |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Human                                  |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | 1 mg/mL magnetic beads in PBS, pH 7.2, 0.05 mg sodium azide                                                            |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C                                                                                                                   |
| Storage Comment:   | Store at 4°C.                                                                                                          |