# Biotin-linked Antibody to Glucose Transporter 1 (GLUT1)

#### Organism Species: Homo sapiens (Human)

#### Instruction manual

PAB185Hu71

#### FOR IN VITRO USE AND RESEARCH USE ONLY

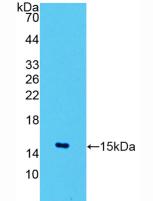
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9th Edition (Revised in Jul, 2013)

Western Blot

### [PRODUCT INFORMATION]

Immunogen: GLUT1, Human Clonality: Polyclonal Conjugation: Biotin Host: Rabbit Immunoglobulin Type: IgG Purification: Affinity Chromatography. Applications: WB, ICC, IHC-P, IHC-F, ELISA Concentration: 200µg/mL



Concentration: 200

**UOM:** 100µg

Sample: Recombinant GLUT1,Human

#### [ IMMUNOGEN INFORMATION ]

Immunogen: Recombinant GLUT1 (Met251~Glu329) expressed in E.coli.

Accession No.: RPB185Hu01

**Sequence:** The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHSGSEF-MMREKKVTIL ELFRSPAYRQ PILIAVVLQL SQQLSGINAV FYYSTSIFEK

AGVQQPVYAT IGSGIVNTAF TVVSLFVVE

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### [ANTIBODY SPECIFITY]

The antibody is a rabbit polyclonal antibody raised against GLUT1. It has been selected for its ability to recognize GLUT1 in immunohistochemical staining and western blotting.

### [APPLICATIONS]

Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200 Optimal working dilutions must be determined by end user.

## [<u>CONTENTS</u>]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

# [<u>STORAGE</u>]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.