

**SLC2A4RG Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14519b****Specification**

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**SLC2A4RG Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q9NR83](#)

**SLC2A4RG Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 56731

**Other Names**

SLC2A4 regulator, GLUT4 enhancer factor, GEF, Huntington disease gene regulatory region-binding protein 1, HDBP-1, SLC2A4RG, HDBP1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**SLC2A4RG Antibody (C-term) Blocking Peptide - Protein Information**

**Name** SLC2A4RG

**Synonyms** HDBP1

**Function**

Transcription factor involved in SLC2A4 and HD gene transactivation. Binds to the consensus sequence 5'-GCCGGCG-3'.

**Cellular Location**

Cytoplasm. Nucleus. Note=Shuttles between the cytoplasm and the nucleus

**Tissue Location**

According to PubMed:14630949, expressed in heart, skeletal muscle, liver, kidney and pancreas; undetectable in lung, placenta or brain. According to PubMed:14625278, ubiquitously expressed, with lowest expression in brain and ileum

**SLC2A4RG Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **SLC2A4RG Antibody (C-term) Blocking Peptide - Images**

#### **SLC2A4RG Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is a nuclear transcription factor involved in the activation of the solute carrier family 2 member 4 gene. The encoded protein interacts with another transcription factor, myocyte enhancer factor 2, to activate transcription of this gene.

#### **SLC2A4RG Antibody (C-term) Blocking Peptide - References**

Jones, M.R., et al. Fertil. Steril. 90(6):2298-2303(2008) McGee, S.L., et al. FASEB J. 20(2):348-349(2006) Tanaka, K., et al. J. Biol. Chem. 279(8):7275-7286(2004) Knight, J.B., et al. Proc. Natl. Acad. Sci. U.S.A. 100(25):14725-14730(2003) Deloukas, P., et al. Nature 414(6866):865-871(2001)