

HDBP1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP1422c**Specification**

HDBP1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9NR83](#)**HDBP1 Antibody (Center) 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

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1422c](/product/products/AP1422c) was selected from the Center region of human HDBP1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

HDBP1 Antibody (Center) 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

HDBP1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HDBP1 Antibody (Center) Blocking Peptide - Images

HDBP1 Antibody (Center) Blocking Peptide - Background

THDBP1 is a nuclear transcription factor involved in the activation of the solute carrier family 2 member 4 gene. This protein interacts with another transcription factor, myocyte enhancer factor 2, to activate transcription of this gene.

HDBP1 Antibody (Center) Blocking Peptide - References

Jones, M.R., Fertil. Steril. (2008) McGee, S.L., FASEB J. 20 (2), 348-349 (2006) Tanaka, K., J. Biol. Chem. 279 (8), 7275-7286 (2004)