10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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

Specification

HDBP1 Antibody (Center) Blocking Peptide - Product Information

Primary 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 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)