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# SLC2A4RG Rabbit pAb

Catalog # AP96205

## Product Information

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| **Application** | WB, IHC-P, IHC-F, IF |
| **Primary Accession** | Q9NR83 |
| **Other Accession** | Q9NR83 |
| **Reactivity** | Human, Mouse |
| **Predicted** | Sheep |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 41267 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human SLC2A4RG |
| **Epitope Specificity** | 301-387/387 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SUBCELLULAR LOCATION** | Cytoplasm. Nucleus. Note=Shuttles between the cytoplasm and the nucleus. |
| **SIMILARITY** | Contains 1 C2H2-type zinc finger. |
| **SUBUNIT** | Interacts with MEF2A. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | 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. [provided by RefSeq, Jul 2008]. |

## Additional Information

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| **Gene ID** | 56731 |
| **Other Names** | GEF; HDBP-1; HDBP1; Si-1-2; Si-1-2-19; S2A4R_HUMAN; SLC2A4RG; GLUT4 enhancer factor (GEF); Huntington disease gene regulatory region-binding protein 1 (HDBP-1); SLC2A4 regulator; GLUT4 enhancer factor; Huntington's disease gene regulatory region-binding protein 1 |
| **Target/Specificity** | 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. |
| **Dilution** | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody |

is stable for at least two weeks at 2-4 °C.

## Protein Information

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| **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 |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.