

For Research Use Only

SLC2A4RG Polyclonal antibody

Catalog Number: 31429-1-AP



Basic Information

Catalog Number:

31429-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35675

GenBank Accession Number:

NM_020062.3

GeneID (NCBI):

56731

UNIPROT ID:

Q9NR83

Full Name:

SLC2A4 regulator

Calculated MW:

41kDa, 387aa

Observed MW:

30 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, PC-3 cells, U2OS cells

Background Information

SLC2A4RG, or SLC2A4 Regulator, is a nuclear transcription factor that plays a role in activating the solute carrier family 2 member 4 gene, also known as GLUT4. SLC2A4RG has been implicated in the transcriptional regulation of genes, including its interaction with a 7-bp consensus sequence (GCCGGCG), which is an essential cis-regulatory element for Huntington's disease (HD) gene expression in neuronal cells. The SLC2A4RG protein is involved in the modulation of SLC2A4 expression and has been identified as a transcription factor that binds specifically to the promoter region of SLC2A4. It is also known to interact with another transcription factor, myocyte enhancer factor 2 (MEF2), to activate the transcription of SLC2A4. SLC2A4RG is expressed ubiquitously in various tissues, with higher expression levels observed in fat and kidney tissues.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

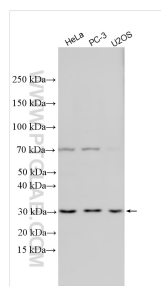
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31429-1-AP (SLC2A4RG antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.