

For Research Use Only

# SLC2A4RG Polyclonal antibody, PBS Only

Catalog Number: 31429-1-PBS



## Basic Information

Catalog Number:

31429-1-PBS

Concentration:

1 mg/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

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## 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 -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

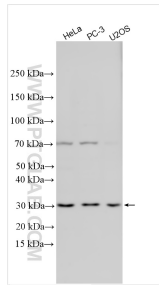
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## 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. This data was developed using the same antibody clone with 31429-1-PBS in a different storage buffer formulation.