

For Research Use Only

SLC2A4RG Polyclonal antibody, PBS Only

Catalog Number: 31429-1-PBS



Basic Information

Catalog Number: 31429-1-PBS	GenBank Accession Number: NM_020062.3	Purification Method: Antigen affinity Purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 56731	
Source: Rabbit	UNIPROT ID: Q9NR83	
Isotype: IgG	Full Name: SLC2A4 regulator	
Immunogen Catalog Number: AG35675	Calculated MW: 41kDa 387aa	
	Observed MW: 30 kDa	

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.

Storage Buffer:
PBS only, pH7.3

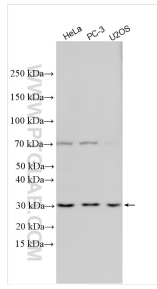
For technical support and original validation data for this product please contact:

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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.