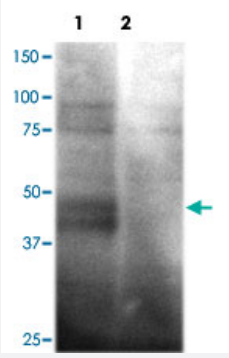
SLC2A1 polyclonal antibody

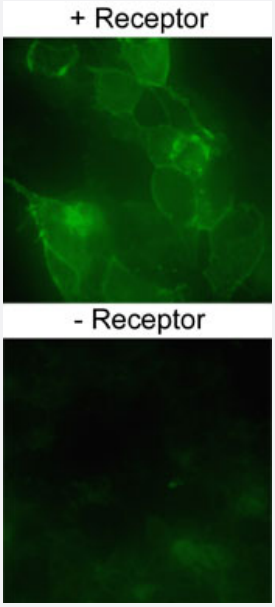
Catalog # PAB19764 Size 100 uL

Applications



Western Blot (Transfected lysate)

Western blot analysis of HEK293 cells over-expressing SLC2A1 (Lane 1) or a nono-specific control receptor (Lane 2) using SLC2A1 polyclonal antibody (Cat # PAB19764) at 1:200 dilution.



Immunofluorescence

Immmunofluorscent staining of HEK293 cells over-expressing SLC2A1 or a nono-specific control receptor using SLC2A1 polyclonal antibody (Cat # PAB19764) at 1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant SLC2A1.
Immunogen	Recombinant protein corresponding to full length human SLC2A1.

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Sequence	MEPSSKKLTGRLMLAVGGGVLGSLQFGYNTGVINAPQKVIEEFYNQTWVHRYGESILPTTLTTLWS LSVAIFSVGGMIGSFSVGLFVNRFGRRNSMLMMNLLAFVSAVLMGFSKLGKSFEMLILGRFIIGVYC GLTTGFVPMYVGEVSPTALRGALGTLHQLGIVVGILIAQVFGLDSIMGNKDLWPLLLSIIFIPALLQCIV LPFCPESPRFLLINRNEENRAKSVLKKLRGTADVTHDLQEMKEESRQMMREKKVTILELFRSPAY RQPILIAVVLQLSQQLSGINAVFYYSTSIFEKAGVQQPVYATIGSGIVNTAFTVVSLFVVERAGRRTLH LIGLAGMAGCAILMTIALALLEQLPWMSYLSIVAIFGFVAFFEVGPGPIPWFIVAELFSQGPRPAAIAV AGFSNWTSNFIVGMCFQYVEQLCGPYVFIIFTVLLVLFFIFTYFKVPETKGRTFDEIASGFRQGGAS QSDKTPEELFHPLGADSQV
Host	Rabbit
Theoretical MW (kDa)	54.1
Reactivity	Human
Specificity	It displayed on membrane surface of lipoparticles.
Form	Liquid
Recommend Usage	Western Blot (1:200) Immunofluorescence (1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In unpurified whole serum
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Western blot analysis of HEK293 cells over-expressing SLC2A1 (Lane 1) or a nono-specific control receptor (Lane 2) using SLC2A1 polyclonal antibody (Cat # PAB19764) at 1:200 dilution.

- Immunofluorescence

  Immmunofluorscent staining of HEK293 cells over-expressing SLC2A1 or a nono-specific control receptor using SLC2A1 polyclonal antibody (Cat # PAB19764) at 1:200 dilution.

Gene Info — SLC2A1

Entrez GeneID	6513
GeneBank Accession#	NM_006516
Protein Accession#	NP_006507

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Gene Name	SLC2A1
Gene Alias	DYT17, DYT18, GLUT, GLUT1, MGC141895, MGC141896, PED
Gene Description	solute carrier family 2 (facilitated glucose transporter), member 1
Omim ID	138140 606777
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a major glucose transporter in the mammalian blood-brain barrier. Mutations i n this gene have been found in a family with paroxysmal exertion-induced dyskinesia. [provided by RefSeq
Other Designations	OTTHUMP00000009006

Pathway

- Adipocytokine signaling pathway
- Pathways in cancer
- Renal cell carcinoma

Disease

- Adenocarcinoma
- Albuminuria
- Alzheimer disease
- Anoxia
- Atherosclerosis
- Breast Neoplasms
- Calcinosis
- Carbohydrate Metabolism
- Carcinoma
- Cardiovascular Diseases
- Coronary Artery Disease

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- Diabetes Complications
- Diabetes Mellitus
- Diabetic Angiopathies
- Diabetic Nephropathies
- Diabetic Neuropathies
- Diabetic Retinopathy
- Disease Progression
- Dyskinesias
- Epilepsy
- Genetic Predisposition to Disease
- Glomerulonephritis
- Glucose Metabolism Disorders
- HTLV-I Infections
- Hyperparathyroidism
- Kidney Failure
- Lung Neoplasms
- Mental Retardation
- Metabolic Syndrome X
- Neoplasm Invasiveness
- Neoplasms
- Obesity
- Osteoporosis
- Paraparesis
- Proteinuria
- Pulmonary Disease
- Spinal Dysraphism

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- Syndrome
- Uremia
- Urinary Bladder Neoplasms
- Vascular Diseases
- Werner syndrome

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