

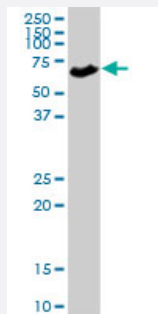
MaxPab®

SLC5A1 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00006523-D01

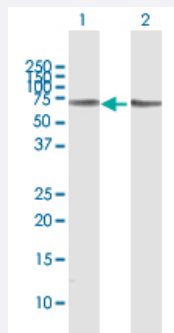
Size 100 uL

Applications



Western Blot (Tissue lysate)

SLC5A1 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC5A1 expression in mouse lung.



Western Blot (Transfected lysate)

Western Blot analysis of SLC5A1 expression in transfected 293T cell line ([H00006523-T01](#)) by SLC5A1 MaxPab polyclonal antibody.

Lane 1: SLC5A1 transfected lysate(73.04 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SLC5A1 protein.

Immunogen

SLC5A1 (AA46581.1, 1 a.a. ~ 664 a.a) full-length human protein.

Sequence	MDSSTWSPKTTAVTRPVETHELIRNAADISIIVYFVVVMAVGLWAMFSTNRGTVGGFFLAGRSMV WWPIGASLFFASNIGSGHFVGLAGTGAASGIAIGGFEWNALVLVVVLGWLFVPMYKAGVVTMPPEYLR KRFGGQRIQVYLSLLSLLLYFTKISADIFSGAIFINLALGLNLYLAIFLLLAITALYTITGGAAVYTDTLQ TVIMLVGSLILTGFATHEVGGYDAFMEKYMKAIPTVSDGNTTFQEKCYTPRADSFHIFRDPLTGDLP WPGFIFGMSILTLWYWCTDQVIVQRCLSAKNMESHVKGGCILCGYLKMPMFIMVMPGMISRLYTEK IACVVPSECEKYCGTKVGCTNIAYP TLVVELMPNGLRGLMLSVMLASLMSSLTSIFNSASTLFTMDI YAKVRKRASEKELMIAGRLFILVLIGISIAWVPIVQSAQSGQLFDYIQSITSYLGPPIAAVFLLAIFWKRV NEPGAFWGLILGLLIGISRMITEFAYGTGSCMEPSNCP TICGVHYLYFAILLFAISFITVVISLLTKPIPDV HLYRLCWSLRNSKEERIDLDAAEENIQEGPKETIEIETQVPEKKKGIFRRAYDLFCGLEQHGAPKMT EEEEKAMKMKMTDTSEKPLWRTVLNVNGIILVTVAVFCHAYFA
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

SLC5A1 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC5A1 expression in mouse lung.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SLC5A1 expression in transfected 293T cell line ([H00006523-T01](#)) by SLC5A1 MaxPab polyclonal antibody.

Lane 1: SLC5A1 transfected lysate(73.04 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SLC5A1

Entrez GeneID [6523](#)

GeneBank Accession# [BC146580](#)

Protein Accession#	AA46581.1
Gene Name	SLC5A1
Gene Alias	D22S675, NAGT, SGLT1
Gene Description	solute carrier family 5 (sodium/glucose cotransporter), member 1
Omim ID	182380 606824
Gene Ontology	Hyperlink
Gene Summary	Glucose transporters are integral membrane proteins that mediate the transport of glucose and structurally-related substances across cellular membranes. Two families of glucose transporter have been identified: the facilitated-diffusion glucose transporter family (GLUT family), also known as 'uniporters,' and the sodium-dependent glucose transporter family (SGLT family), also known as 'cotransporters' or 'symporters' (Wright et al., 1994 [PubMed 7823022]). The SLC5A1 gene encodes a protein that is involved in the active transport of glucose and galactose into eukaryotic and some prokaryotic cells.[supplied by OMIM]
Other Designations	Human Na ⁺ /glucose cotransporter 1 mRNA, complete cds sodium/glucose cotransporter 1 solute carrier family 5 (sodium/glucose transporter), member 1

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Tobacco Use Disorder](#)