

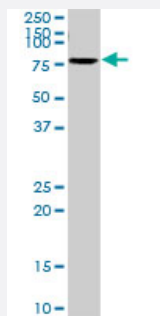
MaxPab®

SLC6A4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006532-D01P

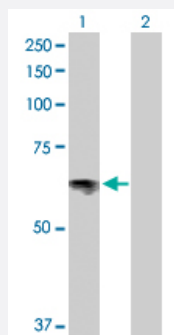
Size 100 ug

Applications



Western Blot (Tissue lysate)

SLC6A4 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC6A4 expression in mouse lung.



Western Blot (Transfected lysate)

Western Blot analysis of SLC6A4 expression in transfected 293T cell line ([H00006532-T01](#)) by SLC6A4 MaxPab polyclonal antibody.

Lane 1: SLC6A4 transfected lysate(70.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SLC6A4 protein.

Immunogen

SLC6A4 (AAH69484.1, 1 a.a. ~ 630 a.a) full-length human protein.

Sequence	METTPLNSQKQLSACEDGEDCQENGVLQKVPTPGDKVESGQISNGYSAVPSPGAGDDTRHSI PATTTTLVAELHQGERETWGKKVDFLLSVIGYAVDLGNVWRFPYICYQNGGGAFLLPYTIMAIFGGI PLFYMELALGQYHRNGCISWRKICPIFKGIGYAICIAFYIASYYNTIMAWALYLISSFTDQLPWTSCK NSWNTGNCTNYFSEDNITWTLHSTSPAEEFYTRHVLQIHRSKGLQDLGGISWQLALCIMLIFTVIYFSI WKGVKTSQKVVWVATFPYIILSVLLVRGATLPGAWRGVLFYLPKNWQKLLLETGVWIDAAAQIFFS LGPGFGVLLAFASYNKFNNNCYQDALVTSVNCMTSFVSGFVIFTVLGYMAEMRNEDVSEVAKD AGPSLLFITYAEAANMPASTFFAIIFFLMLITLGLDSTFAGLEGVITAVLDEFPHVWAKRRERFVLAV VITCFFGSLVTLTFGGAYVVKLLEEYATGPAVLTVLIEAVAVSWFYGITQFCRDVKEMLGFSFGW FWRICWVAISPLFLLFIICSFLMSPPQLRLFQYNYPYWSIILGYCIGTSSFICIPTYIAYRLIITPGTFKERII KSITPETPTEIPCGDIRLNAV
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

SLC6A4 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC6A4 expression in mouse lung.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SLC6A4 expression in transfected 293T cell line ([H00006532-T01](#)) by SLC6A4 MaxPab polyclonal antibody.

Lane 1: SLC6A4 transfected lysate(70.30 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SLC6A4

Entrez GeneID	6532
GeneBank Accession#	NM_001045.2
Protein Accession#	AAH69484.1
Gene Name	SLC6A4

Gene Alias	5-HTT, 5HTT, HTT, OCD1, SERT, hSERT
Gene Description	solute carrier family 6 (neurotransmitter transporter, serotonin), member 4
Omim ID	164230 182138 607834
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an integral membrane protein that transports the neurotransmitter serotonin from synaptic spaces into presynaptic neurons. The encoded protein terminates the action of serotonin and recycles it in a sodium-dependent manner. This protein is a target of psychomotor stimulants, such as amphetamines and cocaine, and is a member of the sodium:neurotransmitter symporter family. A repeat length polymorphism in the promoter of this gene has been shown to affect the rate of serotonin uptake and may play a role in sudden infant death syndrome, aggressive behavior in Alzheimer disease patients, and depression-susceptibility in people experiencing emotional trauma. [provided by RefSeq]
Other Designations	5-hydroxytryptamine transporter 5HT transporter Na ⁺ /Cl ⁻ dependent serotonin transporter serotonin transporter sodium-dependent serotonin transporter solute carrier family 6 member 4

Disease

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- [Alcohol-Related Disorders](#)
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- [Anoxemia](#)

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