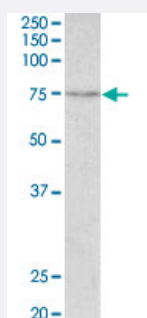


SLC6A4 polyclonal antibody

Catalog # PAB24582 Size 100 ug

Applications



Western Blot (Tissue lysate)

SLC6A4 polyclonal antibody (Cat # PAB24582) (0.5 ug/mL) staining of mouse small intestine lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SLC6A4.
Immunogen	A synthetic peptide corresponding to amino acids 605-618 at C-terminus of human SLC6A4.
Sequence	C-KERIIKSITPETPT
Host	Goat
Theoretical MW (kDa)	75
Reactivity	Mouse
Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	ELISA (1:32000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — SLC6A4

Entrez GeneID[6532](#)**Protein Accession#**[NP_001036.1](#)**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 Designations5-hydroxytryptamine transporter|5HT transporter|Na⁺/Cl⁻ dependent serotonin transporter|serotonin transporter|sodium-dependent serotonin transporter|solute carrier family 6 member 4

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