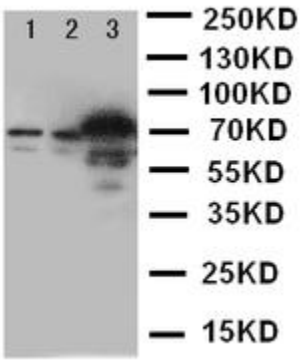
SLC6A4 Antibody

Subcategory: Rabbit Polyclonal Antibody
Cat. No.: 254519
Unit: 0.1 mg

Description:
SLC6A4 (Solute carrier family 6, member 4), also known as SERT (serotonin transporter), is a monoamine transporter protein. SLC6A4 transports the neurotransmitter serotonin from synaptic spaces into presynaptic neurons. The transport of serotonin by the SERT protein terminates the action of serotonin and recycles it in a sodium-dependent manner. SLC6A4 is the target of many antidepressant medications, including those of the SSRI class. It 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, post-traumatic stress disorder and depression-susceptibility in people experiencing emotional trauma.

Isotype: Rabbit Ig
Applications: E, WB
Species Reactivity: H
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 5% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.
Alternate Names: SLC6A4, Sodium-dependent serotonin transporter; 5HT transporter; 5HTT; Solute carrier family 6 member 4; HTT; SERT
Accession No.: P31645

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human SLC6A4.
Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500



The SLC6A4 Antibody (Cat. No. 254519) is used in Western blot to detect SLC6A4 in U87 (1), HeLa (2) and Jurkat (3) cell lysates.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.