SLC5A7 Rabbit Polyclonal Antibody

CAB8247

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

66-75KDa

Calculated MW:

63kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

This gene encodes a sodium ion- and chloride ion-dependent high-affinity transporter that mediates choline uptake for acetylcholine synthesis in cholinergic neurons. The protein transports choline from the extracellular space into presynaptic terminals for synthesis into acetylcholine. Increased choline uptake results from increased density of this protein in synaptosomal plasma membranes in response to depolarization of cholinergic terminals. Dysfunction of cholinergic signaling has been implicated in various disorders including depression, attention-deficit disorder, and schizophrenia. An allelic variant of this gene is associated with autosomal dominant distal hereditary motor neuronopathy type VIIA. Alternative splicing results in multiple transcript variants.

Immunogen information

Gene ID:
60482

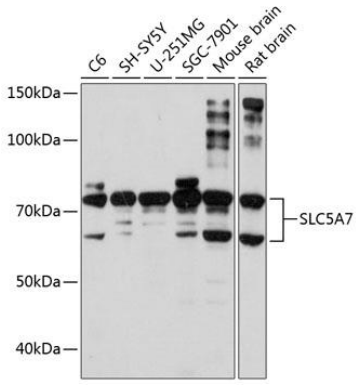
Uniprot
Q9GZV3

Synonyms:
SLC5A7; CHT; CHT1; CMS20; HMN7A

Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 421-580 of human SLC5A7 (NP_068587.1).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



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