

OriGene Technologies, Inc.

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Product datasheet for TA301538

SLC5A7 Mouse Monoclonal Antibody [Clone ID: 62-2E8]

Product data:

Product Type: Primary Antibodies

Clone Name: 62-2E8
Applications: IHC

Recommend Dilution: WB: 1: 1000

Reactivity: Human, Mouse, Rat

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

Immunogen: Recombinant fusion protein from the C-terminal portion of the human CHT protein.

Formulation: PBS and 0.05% sodium azide

Purification: Ascites

Gene Name: solute carrier family 5 member 7

Database Link: NP 068587 Entrez Gene 63993 MouseEntrez Gene 85426 RatEntrez Gene 60482 Human

Background: Acetylcholine functions as a neurotransmitter in both the central and peripheral nervous

systems of all vertebates, and is the principle neurotransmitter used at the neuromuscular junction. Presynaptic synthesis of acetylcholine requires a steady supply of choline, which is

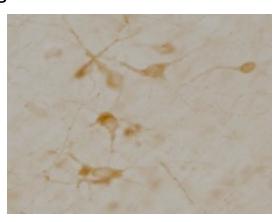
acquired by a plasma membrane high affinity choline transporter (CHT).

Synonyms: CHT; CHT1; hCHT; HMN7A

Protein Families: Transmembrane



Product images:



Staining of neurons in rat basal forebrain