

Anti-SBAT1 Antibody

Catalog # AP53737

Product Information

Application	WB
Primary Accession	Q9H2J7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81836

Additional Information

Gene ID	55117
Other Names	B0AT2; NTT73; SBAT1; Sodium-dependent neutral amino acid transporter B(0)AT2; Sodium- and chloride-dependent neurotransmitter transporter NTT73; Sodium-coupled branched-chain amino-acid transporter 1; Solute carrier family 6 member 15; Transporter v7-3
Target/Specificity	Recognizes endogenous levels of SBAT1 protein.
Dilution	WB~~1/500 - 1/1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

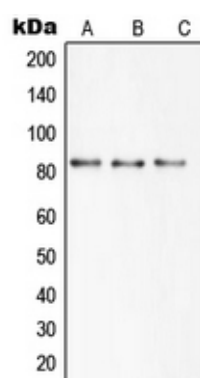
Protein Information

Name	SLC6A15 (HGNC:13621)
Function	Functions as a sodium-dependent neutral amino acid transporter. Exhibits preference for the branched-chain amino acids, particularly leucine, valine and isoleucine and methionine. Can also transport low-affinity substrates such as alanine, phenylalanine, glutamine and pipecolic acid. Mediates the saturable, pH-sensitive and electrogenic cotransport of proline and sodium ions with a stoichiometry of 1:1. May have a role as transporter for neurotransmitter precursors into neurons. In contrast to other members of the neurotransmitter transporter family, does not appear to be chloride-dependent.
Cellular Location	Membrane; Multi- pass membrane protein
Tissue Location	Almost exclusively expressed in the brain.

Background

Rabbit polyclonal antibody to SBAT1

Images



Western blot analysis of SBAT1 expression in HEK293T (A), mouse brain (B), rat brain (C) whole cell lysates.

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