

SLC38A2 SNAT2 Antibody FITC Conjugated

Catalog No: #C01742F

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Description

Product Name	SLC38A2 SNAT2 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human SLC38A2 SNAT2
Conjugates	FITC
Target Name	SLC38A2 SNAT2
Other Names	Amino acid transporter 2; Amino acid transporter A2; ATA2; KIAA1382; PRO1068; Protein 40-9-1; S38A2_HUMAN; SAT2; Slc38a2; SNAT2; Sodium-coupled neutral amino acid transporter 2; Solute carrier family 38 member 2; System A amino acid transporter; System A amino acid transporter 2; System A transporte
Excitation Emission	494nm 518nm
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

The sodium-coupled neutral amino acid transporters (SNAT) of the SLC38 gene family include System A subtypes SNAT1, SNAT2 and SNAT4 and System N subtypes SNAT3 and SNAT5. The SLC38 transporters are essential for the uptake of nutrients, energy production, metabolism, detoxification, and the cycling of neurotransmitters. SNAT2, also designated ATA2, PRO1068 and SAT2 is encoded by the human gene SLC38A2. The functional role of SNAT2 in the nervous system is unclear. Protein expression is notably enriched in the spinal cord and brain stem nuclei of the auditory system. System A transport proteins are also present in placental tissue. These SNAT proteins may play a significant role in fetal development and inhibition of the transport system has been associated with fetal growth retardation.

Note: This product is for in vitro research use only