www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-SNAT1 Antibody FL550 Conjugate

Product Details

Available Variants	200 µL (SKU:75-155-FL550)
Conjugate	FL550 Ex: 550 nm, Em: 575 nm
Isotype	IgG1
Clone	N104/37
Gene Name	Slc38a1 Ata1 Glnt Sa2 Sat1 Snat1
Host Species	Mouse
Concentration	Lot dependent: provided at 0.3-0.5 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	PBS with 0.09% azide
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Applications	ICC
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 1-63 (cytoplasmic N-terminus) of rat SNAT1 (accession number Q9JM15) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	50 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to

	removing the cap.
Antibody Registry ID	AB_2939573
UniProt ID	Q9JM15 UniProt Summary: Symporter that cotransports short-chain neutral amino acids and sodium ions from the extracellular to the intracellular side of the cell membrane. The transport is elctrogenic, pH dependent and driven by the Na(+) electrochemical gradient. Participates in the astroglia-derived glutamine transport into GABAergic interneurons for neurotransmitter GABA de novo synthesis. May also contributes to amino acid transport in placental trophoblast. Regulates synaptic plasticity.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	12 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	170567

Product Images



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