

Datasheet for ABIN6944913
anti-SLC38A1 antibody (AA 211-300)



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Overview

Quantity:	100 µL
Target:	SLC38A1
Binding Specificity:	AA 211-300
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC38A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLC38A1
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Cow,Pig,Cat,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	SLC38A1
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Target Details

Alternative Name:	SLC38A1 (SLC38A1 Products)
Background:	Synonyms: Amino acid transporter A1, Amino acid transporter system A1, ATA 1, ATA1, N-system amino acid transporter 2, NAT 2, NAT2, S38A1_HUMAN, SAT 1, SAT1, SLC38A1, SNAT 1, SNAT1, Sodium-coupled neutral amino acid transporter 1, Solute carrier family 38 member 1, System A amino acid transporter 1, System N amino acid transporter 1. Background: Amino acid transporters play essential roles in the uptake of nutrients, production of energy, chemical metabolism, detoxification, and neurotransmitter cycling. SLC38A1 is an important transporter of glutamine, an intermediate in the detoxification of ammonia and the production of urea. Glutamine serves as a precursor for the synaptic transmitter, glutamate (Gu et al., 2001 [PubMed 11325958]).[supplied by OMIM, Mar 2008]
Gene ID:	81539
UniProt:	Q9H2H9

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months