

For Research Use Only

SLC6A14 Polyclonal antibody

Catalog Number: 18388-1-AP



Basic Information

Catalog Number: 18388-1-AP	GenBank Accession Number: BC093710	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop;	GeneID (NCBI): 11254	Recommended Dilutions: IHC 1:50-1:500 IF-P 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9UN76	
Isotype: IgG	Full Name: solute carrier family 6 (amino acid transporter), member 14	
Immunogen Catalog Number: AG12857	Calculated MW: 642 aa, 72 kDa	

Applications

Tested Applications: IHC, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse	IHC : mouse lung tissue, IF-P : mouse lung tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Sodium- and chloride-dependent neutral and basic amino acid transporter B(0+) (SLC6A14) is a member of the Na⁺- and Cl⁻-dependent neurotransmitter transporter family and transports both neutral and cationic amino acids in an Na⁺- and Cl⁻-dependent manner.

Storage

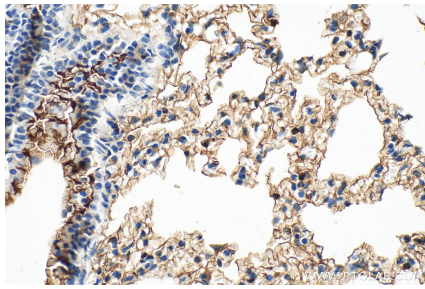
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

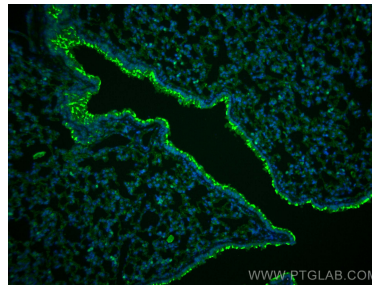
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 18388-1-AP (SLC6A14 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse lung tissue using SLC6A14 antibody (18388-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).