

For Research Use Only

SLC44A1 Polyclonal antibody

Catalog Number: 14687-1-AP **4 Publications**



Basic Information

Catalog Number: 14687-1-AP	GenBank Accession Number: BC049203	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 400 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23446	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8WWI5	
Isotype: IgG	Full Name: solute carrier family 44, member 1	
Immunogen Catalog Number: AG6024	Calculated MW: 73 kDa	
	Observed MW: 70-73 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : 37°C incubated HeLa cells, IHC : human lung cancer tissue,
Cited Applications: IF, IHC	
Species Specificity: human	
Cited Species: human, mouse	
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

SLC44A1, also referred to as choline transporter-like protein 1 (CTL1) or CDw92, is a choline transporter detected in both the plasma and mitochondrial membranes where it transports choline at high affinity and in a Na⁺-independent manner.

Notable Publications

Author	Pubmed ID	Journal	Application
Yalong Wang	31753849	J Exp Med	IF
Elsa Sanchez-Lopez	30982734	Cell Metab	IF
Bingjie Guan	37953237	BMC Cancer	IHC

Storage

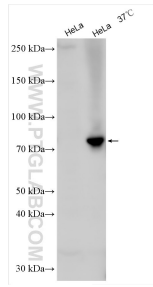
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

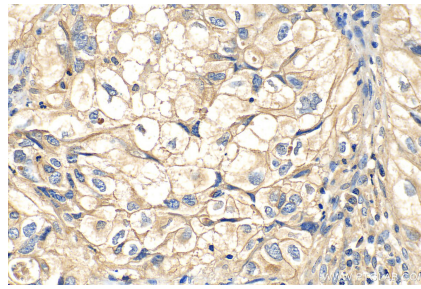
For technical support and original validation data for this product please contact:
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Selected Validation Data



HeLa lysates (heated at 100°C and 37°C) were subjected to SDS PAGE followed by western blot with 14687-1-AP (SLC44A1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 14687-1-AP (SLC44A1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).