

For Research Use Only

SLC44A5 Polyclonal antibody

Catalog Number: 21117-1-AP



Basic Information

Catalog Number: 21117-1-AP	GenBank Accession Number: BC051740	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 204962	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: solute carrier family 44, member 5	
Isotype: IgG	Calculated MW: 719 aa, 82 kDa	
Immunogen Catalog Number: AG15459		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human stomach tissue,
Species Specificity: human	

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

The choline transport system has been categorized into three transporter families: Polyspecific organic cation transporters (OCTs/SLC22A1-2) with low affinity for choline, high-affinity choline transporter 1 (CHT1/SLC5A7) and intermediate-affinity choline transporter-like proteins (CTLs/SLC44A1-5). The CTLs/SLC44A1-5 were shown to be present in various human tissues. SLC44A5, also known as CTL5, is an integral membrane protein. SLC44A5 is involved in the membrane-spanning transport of choline.

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**

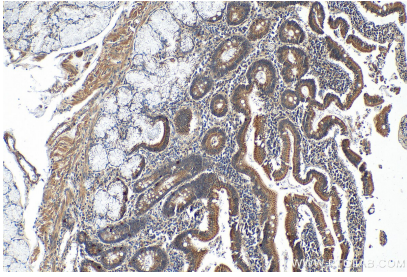
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

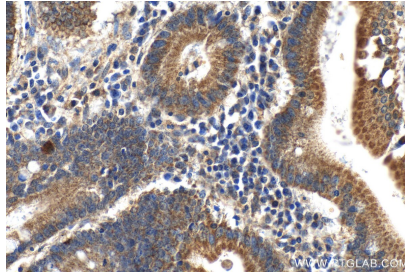
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 21117-1-AP (SLC44A5 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 21117-1-AP (SLC44A5 antibody) at dilution of 1:200 (under 40x lens).