

# SLC44A5 Polyclonal antibody

Catalog Number: 21117-1-AP

## Basic Information

<b>Catalog Number:</b> 21117-1-AP	<b>GenBank Accession Number:</b> BC051740	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 204962	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NCS7	
<b>Isotype:</b> IgG	<b>Full Name:</b> solute carrier family 44, member 5	
<b>Immunogen Catalog Number:</b> AG15459	<b>Calculated MW:</b> 719 aa, 82 kDa	

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : human stomach tissue,
<b>Species Specificity:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

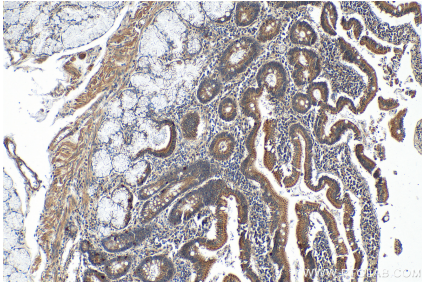
## Background Information

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.

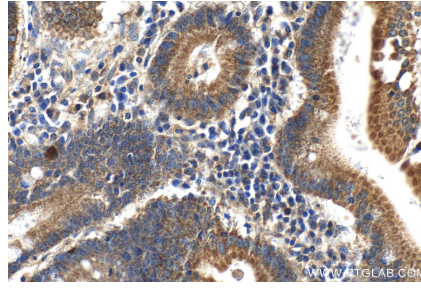
## Storage

**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

## 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).