

SLC44A2 / CTL2 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11067**Specification**

SLC44A2 / CTL2 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	Q8IWA5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80kDa KDa

SLC44A2 / CTL2 Antibody (Internal) - Additional Information**Gene ID** 57153**Other Names**

Choline transporter-like protein 2, Solute carrier family 44 member 2, SLC44A2, CTL2

Target/Specificity

Human SLC44A2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

SLC44A2 / CTL2 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC44A2 / CTL2 Antibody (Internal) - Protein Information**Name** SLC44A2 ([HGNC:17292](#))**Synonyms** CTL2**Function**

[Isoform 1]: Choline/H⁺ antiporter, mainly in mitochondria (PubMed:[10677542](http://www.uniprot.org/citations/10677542), PubMed:[20665236](http://www.uniprot.org/citations/20665236), PubMed:[23651124](http://www.uniprot.org/citations/23651124), PubMed:[33789160](http://www.uniprot.org/citations/33789160)). Also acts as a low-affinity ethanolamine/H⁺ antiporter, regulating the supply of extracellular ethanolamine (Etn) for the CDP-Etn pathway, redistribute intracellular Etn and balance the CDP-Cho and CDP-Etn arms of the Kennedy pathway (PubMed:[33789160](http://www.uniprot.org/citations/33789160)).

Cellular Location

Cell membrane; Multi-pass membrane protein. Mitochondrion outer membrane; Multi-pass membrane protein. Note=Mainly expressed in mitochondria {ECO:0000250|UniProtKB:B4F795}

Tissue Location

Present in supporting cells of the inner ear (at protein level).

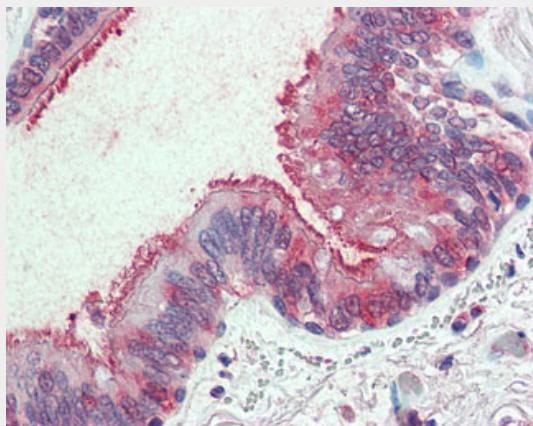
Volume

50 µl

SLC44A2 / CTL2 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SLC44A2 / CTL2 Antibody (Internal) - Images

Anti-SLC44A2 antibody ALS11067 IHC of human lung, respiratory epithelium.

SLC44A2 / CTL2 Antibody (Internal) - Background

Isoform 1, but not isoform 3, exhibits some choline transporter activity.

SLC44A2 / CTL2 Antibody (Internal) - References

O'Regan S., et al. Proc. Natl. Acad. Sci. U.S.A. 97:1835-1840(2000).
Nair T.S., et al. J. Neurosci. 24:1772-1779(2004).
Santoso S.S., et al. Submitted (APR-2011) to the EMBL/GenBank/DBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).
Grimwood J., et al. Nature 428:529-535(2004).