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SLC1A4 / ASCT1 Antibody (C-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS11153

Specification

SLC1A4 / ASCT1 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	P43007
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**56kDa KDa**

SLC1A4 / ASCT1 Antibody (C-Terminus) - Additional Information

Gene ID 6509

Other Names
Neutral amino acid transporter A, Alanine/serine/cysteine/threonine transporter 1, ASCT-1, SATT, Solute carrier family 1 member 4, SLC1A4, ASCT1, SATT

Target/Specificity
Human SLC1A4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
SLC1A4 / ASCT1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC1A4 / ASCT1 Antibody (C-Terminus) - Protein Information

Name SLC1A4 {ECO:0000303|PubMed:7896285, ECO:0000312|HGNC:HGNC:10942}

Function
Sodium-dependent neutral amino-acid transporter that mediates transport of alanine, serine, cysteine, proline, hydroxyproline and threonine.

Cellular Location
Membrane; Multi- pass membrane protein. Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV

Tissue Location
Expressed mostly in brain, muscle, and pancreas but detected in all tissues examined.

Volume

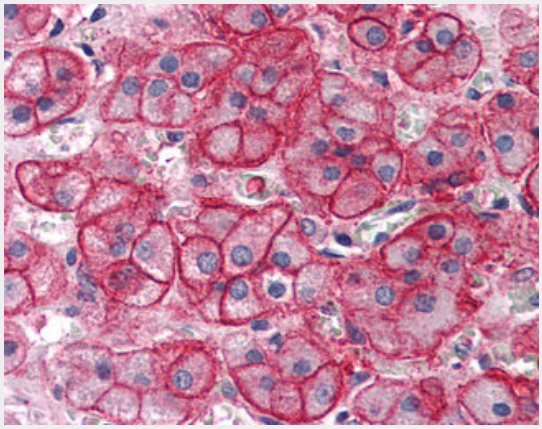
50 µl

SLC1A4 / ASCT1 Antibody (C-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SLC1A4 / ASCT1 Antibody (C-Terminus) - Images



Anti-SLC1A4 antibody ALS11153 IHC of human adrenal.

SLC1A4 / ASCT1 Antibody (C-Terminus) - Background

Transporter for alanine, serine, cysteine, and threonine. Exhibits sodium dependence.

SLC1A4 / ASCT1 Antibody (C-Terminus) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).