

SLC6A6 / Taurine Transporter Antibody (aa561-610)
Rabbit Polyclonal Antibody
Catalog # ALS14219**Specification**

SLC6A6 / Taurine Transporter Antibody (aa561-610) - Product Information

Application	IHC
Primary Accession	P31641
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	70kDa KDa

SLC6A6 / Taurine Transporter Antibody (aa561-610) - Additional Information**Gene ID** 6533**Other Names**

Sodium- and chloride-dependent taurine transporter, Solute carrier family 6 member 6, SLC6A6

Target/Specificity

SLC6A6 Antibody detects endogenous levels of total SLC6A6 protein.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

SLC6A6 / Taurine Transporter Antibody (aa561-610) is for research use only and not for use in diagnostic or therapeutic procedures.

SLC6A6 / Taurine Transporter Antibody (aa561-610) - Protein Information**Name** SLC6A6**Function**

Mediates sodium- and chloride-dependent transport of taurine (PubMed:8382624, PubMed:8010975, PubMed:8654117, PubMed:31345061, PubMed:31903486). Mediates transport of beta-alanine (PubMed:8010975). Can also mediate transport of hypotaurine and gamma-aminobutyric acid (GABA) (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

Expressed abundantly in placenta and skeletal muscle, at intermediate levels in heart, brain, lung, kidney and pancreas and at low levels in liver.

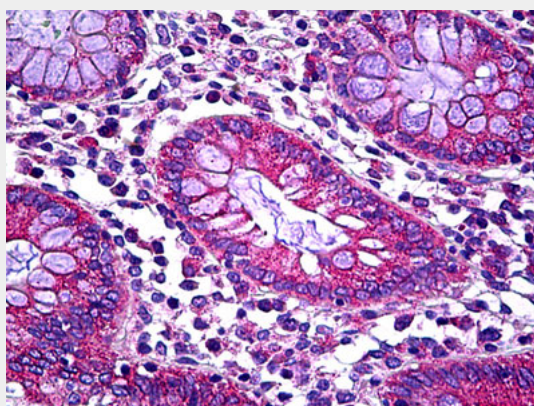
Volume

50 µl

SLC6A6 / Taurine Transporter Antibody (aa561-610) - 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](#)

SLC6A6 / Taurine Transporter Antibody (aa561-610) - Images

Anti-SLC6A6 antibody IHC of human colon.

SLC6A6 / Taurine Transporter Antibody (aa561-610) - Background

Sodium-dependent taurine and beta-alanine transporter. Chloride ions are necessary for optimal uptake.

SLC6A6 / Taurine Transporter Antibody (aa561-610) - References

Jhian S.M., et al. FEBS Lett. 318:139-144(1993).
Ramamoorthy S., et al. Biochem. J. 300:893-900(1994).
Miyamoto Y., et al. Curr. Eye Res. 15:345-349(1996).
Muzny D.M., et al. Nature 440:1194-1198(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.