

Rabbit anti-Human SLC30A3 Polyclonal Antibody | anti-SLC30A3 antibody

Anti-SLC30A3 Antibody, Rabbit Polyclonal

CATALOG # AAA256339	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

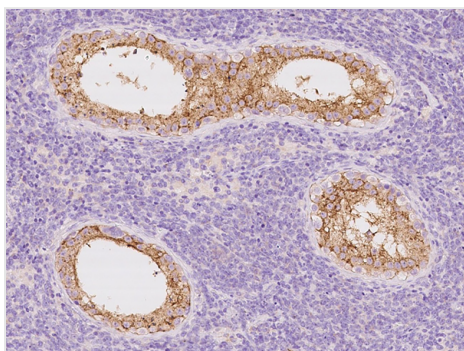
PRODUCT SYNONYMS

SLC30A3; Polyclonal Antibody; Anti-SLC30A3 Antibody; Rabbit Polyclonal; SLC30A3 Antibody; Rabbit PAb; Antigen Affinity Purified; solute carrier family 30 member 3; Anti-ZNT3 Antibody; anti-SLC30A3 antibody

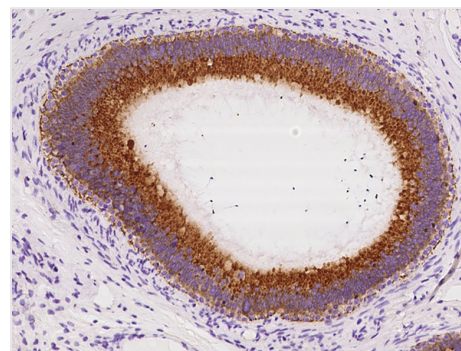
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human SLC30A3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-SLC30A3 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human SLC30A3 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human SLC30A3 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human SLC30A3 in human testis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human SLC30A3 in human epididymis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC30A3 antibody	SLC30A3, which encodes the Zinc Transporter 3 (ZNT3), is localised to synaptic vesicles in glutamate synapses and known to be involved in cognitive function. ZnT3 is the sole mechanism responsible for concentrating zinc ions within synaptic vesicles in a subset of the brain's glutamatergic neurons. This vesicular zinc can then be released into the synaptic cleft in an activity-dependent fashion, where it can exert many signaling functions. SNPs in the SLC30A3 gene and adjacent region are associated with schizophrenia in female but not male cases.
References	Perez-Becerril C, et al. (2014) Allelic variants in the zinc transporter-3 gene, slc30a3, a candidate gene identified from gene expression studies, show gender-specific association with schizophrenia. Eur Psychiatry 29 (3): 172-178.McAllister BB, et al. (2017) Zinc transporter 3 (znt3) and vesicular zinc in central nervous system function. Neurosci Biobehav Rev 80 329-350.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc30a3-antibody-immunohistochemistry-elisa/256339>