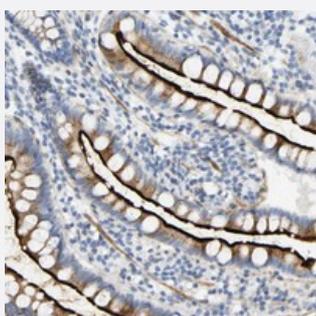


SLC30A7 polyclonal antibody

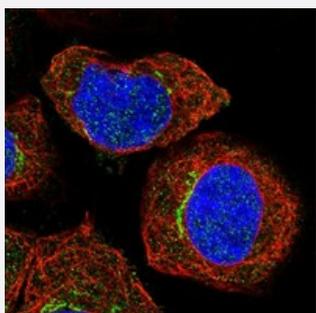
Catalog # PAB21003 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human small intestine with SLC30A7 polyclonal antibody (Cat # PAB21003) shows strong positivity of the luminal membrane in glandular cells.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with SLC30A7 polyclonal antibody (Cat # PAB21003) at 1-4 ug/mL dilution shows positivity in Golgi apparatus.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant SLC30A7.
Immunogen	Recombinant protein corresponding to amino acids of human SLC30A7.
Sequence	HGGHGHSHGSGHGHSHSLFNGALDQAHGHVDHCHSHEVKHGAASHDHAHGHGHFHSHDGP SLKETTGPSRQI
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human small intestine with SLC30A7 polyclonal antibody (Cat # PAB21003) shows strong positivity of the luminal membrane in glandular cells.

- Immunofluorescence

Immunofluorescent staining of human cell line A-431 with SLC30A7 polyclonal antibody (Cat # PAB21003) at 1-4 ug/mL dilution shows positivity in golgi apparatus.

Gene Info — SLC30A7

Entrez GeneID	148867
Protein Accession#	Q8NEW0
Gene Name	SLC30A7
Gene Alias	DKFZp686M0368, ZNT7, ZnT-7, ZnTL2
Gene Description	solute carrier family 30 (zinc transporter), member 7
Omim ID	611149
Gene Ontology	Hyperlink
Gene Summary	Zinc functions as a cofactor for numerous enzymes, nuclear factors, and hormones and as an intra- and intercellular signal ion. Members of the zinc transporter (ZNT)/SLC30 subfamily of the cation diffusion facilitator family, such as SLC30A7, permit cellular efflux of zinc (Seve et al., 2004 [PubMed 15154973]).[supplied by OMIM]

Other Designations

OTTHUMP00000013590|OTTHUMP00000013591|zinc transporter ZnT-7|zinc transporter like 2

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)