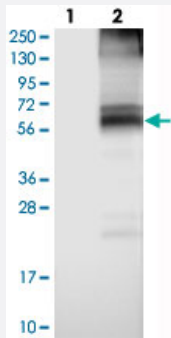


# SLC7A4 polyclonal antibody

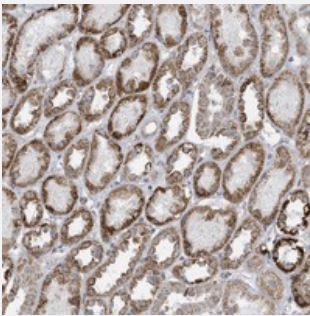
Catalog # PAB22772      Size 100 uL

## Applications



### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with SLC7A4 polyclonal antibody (Cat # PAB22772).



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

Immunohistochemical staining of human kidney with SLC7A4 polyclonal antibody (Cat # PAB22772) shows distinct cytoplasmic positivity with a granular pattern in tubular cells.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against recombinant SLC7A4.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids of human SLC7A4.
<b>Sequence</b>	GIRHSENQRELPGLNSTHYVFPGRGSLEETVQAMQPPSQAPAQDPGHME
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification

Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Western Blot (1:250-1:500) 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

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## Gene Info — SLC7A4

Entrez GeneID	<a href="#">6545</a>
Protein Accession#	<a href="#">O43246</a>
Gene Name	SLC7A4
Gene Alias	CAT-4, CAT4, HCAT3, MGC129976, MGC129977, VH
Gene Description	solute carrier family 7 (cationic amino acid transporter, y <sup>+</sup> system), member 4
Omim ID	<a href="#">603752</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	y <sup>+</sup> system)
Other Designations	Ig heavy chain variable region VH 3 family