antibodies

# Datasheet for ABIN7169980 anti-SLC6A19 antibody (AA 326-413)

3 Images



Overview

Quantity:	100 µg
Target:	SLC6A19
Binding Specificity:	AA 326-413
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Sodium-dependent neutral amino acid transporter B(0)AT1 protein (326- 413AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

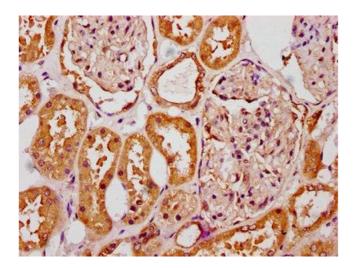
### Target Details

Target:	SLC6A19
Alternative Name:	SLC6A19 (SLC6A19 Products)
Background:	Background: Transporter that mediates resorption of neutral amino acids across the apical membrane of renal and intestinal epithelial cells. This uptake is sodium-dependent and chloride-independent.

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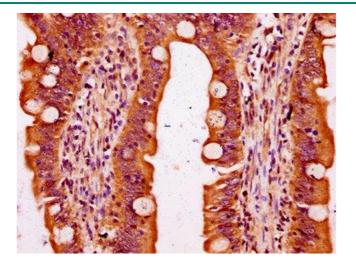
Target Details	
	Aliases: SLC6A19 antibody, B0AT1 antibody, Sodium-dependent neutral amino acid transporter B(0)AT1 antibody, Solute carrier family 6 member 19 antibody, System B(0) neutral amino acid transporter AT1 antibody
UniProt:	Q695T7
Application Details	
Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

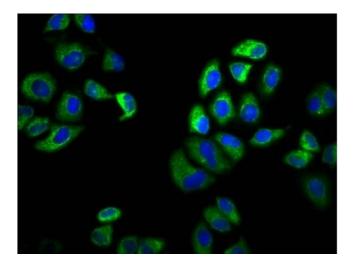
#### Images



#### Immunohistochemistry

**Image 1.** IHC image of ABIN7169980 diluted at 1:300 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.





#### Immunohistochemistry

**Image 2.** IHC image of ABIN7169980 diluted at 1:300 and staining in paraffin-embedded human small intestine tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

#### Immunofluorescence

**Image 3.** Immunofluorescence staining of Hela cells with ABIN7169980 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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