

SMVT Rabbit pAb

CatalogNo: YT4349

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse,

Applications

- WB,ELISA,IHC

MW

- 68kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

ELISA 1:2000-20000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

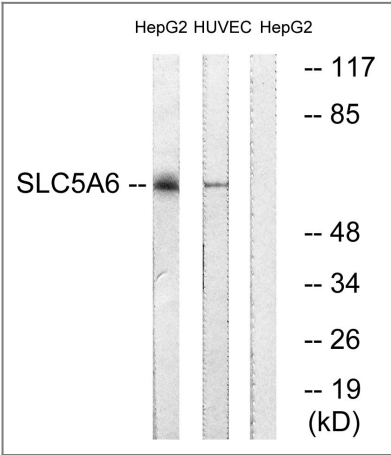
Immunogen The antiserum was produced against synthesized peptide derived from human SLC5A6. AA range:551-600

Specificity SMVT Polyclonal Antibody detects endogenous levels of SMVT protein.

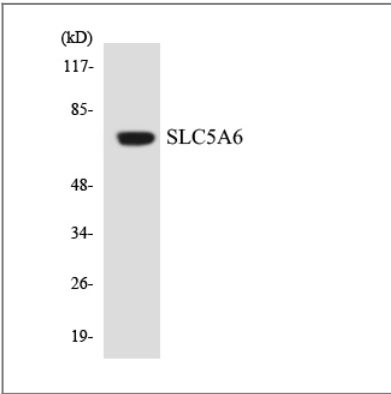
Target Information

Gene name	SLC5A6		
Protein Name	Sodium-dependent multivitamin transporter		
	Organism	Gene ID	UniProt ID
	Human	8884 ;	Q9Y289 ;
	Mouse		Q5U4D8 ;
Cellular Localization	Cell membrane ; Multi-pass membrane protein . ; Cell membrane ; Multi-pass membrane protein . (Microbial infection) Exposure to E.coli lipopolysaccharides leads to reduced cell membrane localization. .		
Tissue specificity	Expressed in microvessels of the brain (at protein level) (PubMed:25809983). Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney, and pancreas (PubMed:10329687).		
Function	Function:Transports pantothenate, biotin and lipoate in the presence of sodium.,similarity:Belongs to the sodium:solute symporter (SSF) (TC 2.A.21) family.,		

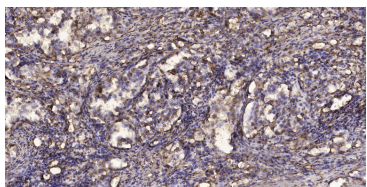
| Validation Data



Western blot analysis of lysates from HepG2 and HUVEC cells, using SLC5A6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using SLC5A6 antibody.



Immunohistochemical analysis of paraffin-embedded human Squamous cell carcinoma of lung. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

| Contact information

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Please scan the QR code
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SMVT Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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