

## **SMVT Polyclonal Antibody**

Catalog No: YT4349

**Reactivity:** Human; Rat; Mouse;

**Applications:** WB;ELISA;IHC

Target: SMVT

**Fields:** >>Vitamin digestion and absorption

Gene Name: SLC5A6

**Protein Name:** Sodium-dependent multivitamin transporter

Human Gene Id: 8884

**Human Swiss Prot** 

No:

**Mouse Swiss Prot** 

No:

Immunogen:

Q5U4D8

Q9Y289

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.

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

Source: Polyclonal, Rabbit, IgG

**Dilution:** WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

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

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Observed Band: 68kD

**Background:** function: Transports pantothenate, biotin and lipoate in the presence of

sodium., similarity: Belongs to the sodium: solute symporter (SSF) (TC 2.A.21)

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Subcellular Location:

Cell membrane; Multi-pass membrane protein.; Cell membrane; Multi-pass membrane protein. (Microbial infection) Exposure to E.coli lipopolysaccharides

leeds to reduced cell membrane localization. .

**Expression:** 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).

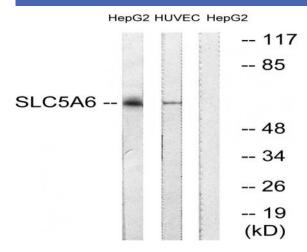
**Sort :** 16458

**No4**:

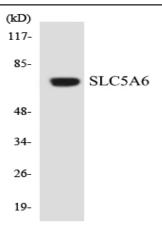
Host: Rabbit

Modifications: Unmodified

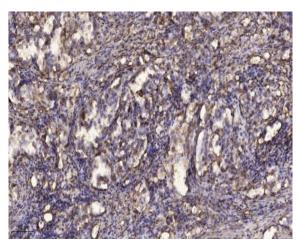
## **Products Images**



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).