

## SMVT Polyclonal Antibody

<b>Catalog No :</b>	YT4349
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	SMVT
<b>Fields :</b>	>>Vitamin digestion and absorption
<b>Gene Name :</b>	SLC5A6
<b>Protein Name :</b>	Sodium-dependent multivitamin transporter
<b>Human Gene Id :</b>	8884
<b>Human Swiss Prot No :</b>	Q9Y289
<b>Mouse Swiss Prot No :</b>	Q5U4D8
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human SLC5A6. AA range:551-600
<b>Specificity :</b>	SMVT Polyclonal Antibody detects endogenous levels of SMVT protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 68kD

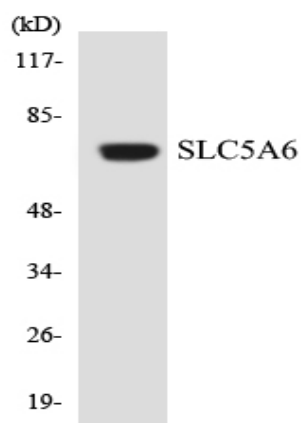
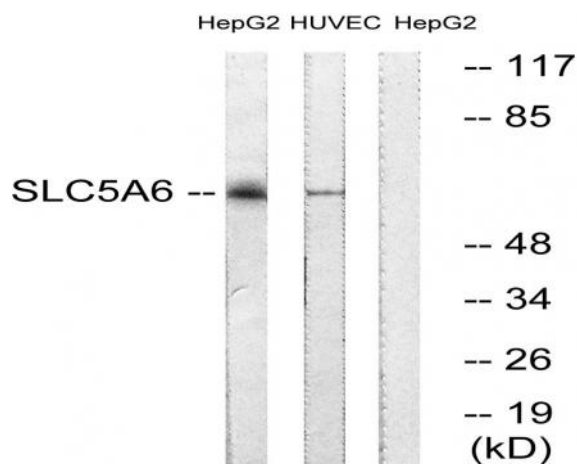
**Background :** function:Transports pantothenate, biotin and lipoate in the presence of sodium.,similarity:Belongs to the sodium:solute symporter (SSF) (TC 2.A.21) family.,

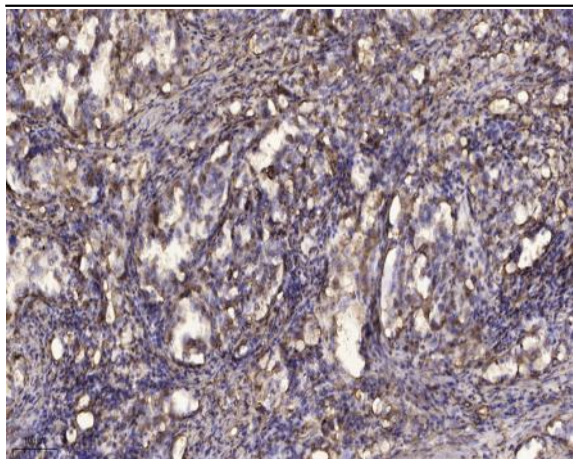
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**Subcellular Location :** Cell membrane ; Multi-pass membrane protein .; Cell membrane ; Multi-pass membrane protein . (Microbial infection) Exposure to E.coli lipopolysaccharides leads to reduced cell membrane localization. .

**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).

## Products Images





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).