

AP54117PU-N**Polyclonal Antibody to SVOPL (Center) - Aff - Purified**

Alternate names:	Putative transporter
Quantity:	0.4 ml
Concentration:	lot specific
Background:	<p>SVOPL (putative transporter SVOPL), also known as SV2-related protein-like, is a 492 amino acid multi-pass membrane protein belonging to the major facilitator superfamily. SVOPL is a paralog to synaptic vesicle protein (SVOP) that exists as two alternatively spliced isoforms. The gene encoding SVOPL maps to human chromosome 7q34. Chromosome 7 is approximately 158 million bases long, encodes over 1,000 genes and makes up approximately 5% of the human genome. Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. Deletions of portions of the q arm of chromosome 7 are linked to myeloid disorders, including acute myelogenous leukemia and myelodysplasia.</p>
Uniprot ID:	Q8N434
NCBI:	NP_001132928
GeneID:	136306
Host / Isotype:	Rabbit / Ig
Immunogen:	KLH conjugated synthetic peptide between 240-269 amino acids from the Central region of human SVOPL
Format:	State: Liquid Ig fraction Purification: Protein A column followed by peptide affinity purification Buffer System: PBS Preservatives: 0.09% (W/V) sodium azide
Applications:	ELISA: 1/1000. Western blot: 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Molecular Weight:	Molecular Weight: 53991 Da
Specificity:	This antibody detects SVOPL (Center).
Species Reactivity:	Tested: Human
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Jacobsson, J.A., et al. Genomics 90(5):595-609(2007).

Pictures:

SVOPL Antibody (Center) (Cat. #AP54117PU-N) western blot analysis in T47D cell line lysates (35 µg/lane). This demonstrates the SVOPL antibody detected the SVOPL protein (arrow).

