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## **OriGene Technologies GmbH**

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

Alternate names:	Putative transporter	
Quantity:	0.4 ml	
Concentration:	lot specific	
Background:	<ul> <li>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.</li> <li>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.</li> </ul>	
Uniprot ID:	<u>Q8N434</u>	
NCBI:	<u>NP_001132928</u>	
GenelD:	<u>136306</u>	
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).	

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.

	AP54117PU-N: Polyclonal Antibody to SVOPL (Center) - Aff - Purified		
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).	T47D 95 72 - 55 - ◀ 36 28	
		101	

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