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SVOPL Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16781C

Specification

SVOPL Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q8N434
Other Accession	NP_001132928.1, NP_777619.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**53991**
Antigen Region	**241-269**

SVOPL Antibody (Center) - Additional Information

Gene ID 136306

Other Names
Putative transporter SVOPL, SV2-related protein-like, SVOP-like protein, SVOPL

Target/Specificity
This SVOPL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 241-269 amino acids from the Central region of human SVOPL.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SVOPL Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SVOPL Antibody (Center) - Protein Information

Name SVOPL

Cellular Location
Membrane; Multi-pass membrane protein

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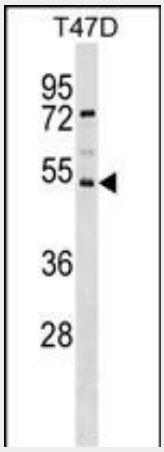
SVOPL Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SVOPL Antibody (Center) - Images



SVOPL Antibody (Center) (Cat. #AP16781c) western blot analysis in T47D cell line lysates (35ug/lane).This demonstrates the SVOPL antibody detected the SVOPL protein (arrow).

SVOPL Antibody (Center) - Background

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 milllion 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.

SVOPL Antibody (Center) - References

Jacobsson, J.A., et al. Genomics 90(5):595-609(2007)