

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 <u>NP_001132928.1</u>, <u>NP_777619.1</u>

Reactivity
Host
Clonality
Polyclonal
Isotype
Calculated MW
Antigen Region

Human
Rabbit
Polyclonal
Rabbit IgG
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

E~~Use at an assay dependent concentration.

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



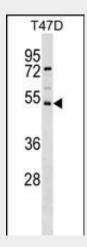
Membrane; Multi-pass membrane protein

SVOPL Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemis</u>trv
- 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)