

SEC14L2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16118a**Specification**

SEC14L2 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O76054](#)**SEC14L2 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 23541**Other Names**

SEC14-like protein 2, Alpha-tocopherol-associated protein, TAP, hTAP, Squalene transfer protein, Supernatant protein factor, SPF, SEC14L2, C22orf6, KIAA1186, KIAA1658

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SEC14L2 Antibody (N-term) Blocking Peptide - Protein Information**Name** SEC14L2**Synonyms** C22orf6, KIAA1186, KIAA1658**Function**

Carrier protein. Binds to some hydrophobic molecules and promotes their transfer between the different cellular sites. Binds with high affinity to alpha-tocopherol. Also binds with a weaker affinity to other tocopherols and to tocotrienols. May have a transcriptional activatory activity via its association with alpha-tocopherol. Probably recognizes and binds some squalene structure, suggesting that it may regulate cholesterol biosynthesis by increasing the transfer of squalene to a metabolic active pool in the cell.

Cellular Location

Cytoplasm. Nucleus. Note=Cytoplasmic in absence of alpha-tocopherol, and nuclear in presence of alpha-tocopherol

Tissue Location

Widely expressed. Strong expression in liver, brain and prostate.

SEC14L2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SEC14L2 Antibody (N-term) Blocking Peptide - Images

SEC14L2 Antibody (N-term) Blocking Peptide - Background

This gene encodes a cytosolic protein which belongs to a family of lipid-binding proteins including Sec14p, alpha-tocopherol transfer protein, and cellular retinol-binding protein. The encoded protein stimulates squalene monooxygenase which is a downstream enzyme in the cholesterol biosynthetic pathway. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.

SEC14L2 Antibody (N-term) Blocking Peptide - References

Guey, L.T., et al. Eur. Urol. 57(2):283-292(2010) Wang, X., et al. Cancer Invest. 27(10):971-977(2009) Hosgood, H.D. III, et al. Respir Med 103(12):1866-1870(2009) Johnykutty, S., et al. Mod. Pathol. 22(6):770-775(2009) Wright, M.E., et al. Cancer Res. 69(4):1429-1438(2009)