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SEC14L4 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13245a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9UDX3
Other Accession	NP_777637.1
Reactivity	Human
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33117
Calculated MW	46644
Antigen Region	41-70

Additional Information

Gene ID	284904
Other Names	SEC14-like protein 4, Tocopherol-associated protein 3, SEC14L4, TAP3
Target/Specificity	This SEC14L4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 41-70 amino acids from the N-terminal region of human SEC14L4.
Dilution	WB~~1:1000 IHC-P~~1:100~500 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	SEC14L4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SEC14L4
Synonyms	TAP3
Function	Probable hydrophobic ligand-binding protein; may play a role in the

transport of hydrophobic ligands like tocopherol, squalene and phospholipids.

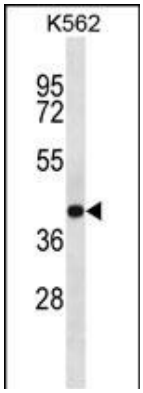
Background

The protein encoded by this gene is highly similar to the protein encoded by the Saccharomyces cerevisiae SEC14 gene. The SEC14 protein is a phophatidylinositol transfer protein that is essential for biogenesis of Golgi-derived transport vesicles, and thus is required for the export of yeast secretory proteins from the Golgi complex. The specific function of this protein has not yet been determined. Alternative splicing results in multiple transcript variants.

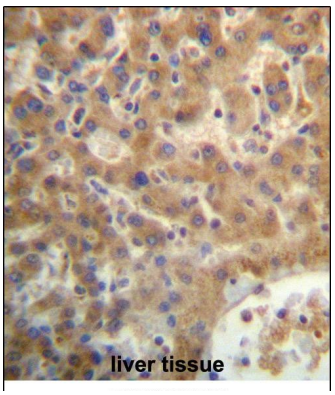
References

Mokashi, V., et al. Biochem. Biophys. Res. Commun. 316(3):688-692(2004)
Collins, J.E., et al. Genome Biol. 5 (10), R84 (2004) :
Kempna, P., et al. Free Radic. Biol. Med. 34(11):1458-1472(2003)
Dunham, I., et al. Nature 402(6761):489-495(1999)

Images



SEC14L4 Antibody (N-term) (Cat. #AP13245a) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the SEC14L4 antibody detected the SEC14L4 protein (arrow).



SEC14L4 Antibody (N-term) (Cat. #AP13245a)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SEC14L4 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.