



Rabbit Anti-SEC14L4 antibody

SL19610R

Product Name:	SEC14L4
Chinese Name:	SEC14样蛋白4抗体
Alias:	AI256582; AW536553; dJ130H16; MGC30313; RGD1565810; S14L4_HUMAN; SEC14, <i>S. cerevisiae</i> , homolog of, 4; SEC14-like 4 (<i>S. cerevisiae</i>); SEC14-like 4; SEC14-like protein 4; Sec14l4; SEC14p-like protein TAP3; SPF; TAP; TAP3; Tocopherol-associated protein 3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SEC14L4:61-160/406
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene is highly similar to the protein encoded by the <i>Saccharomyces cerevisiae</i> SEC14 gene. The SEC14 protein is a phosphatidylinositol 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. [provided by RefSeq, May 2009]

Function:

Probable hydrophobic ligand-binding protein; may play a role in the transport of hydrophobic ligands like tocopherol, squalene and phospholipids.

Similarity:

Contains 1 CRAL-TRIO domain.

Contains 1 GOLD domain.

SWISS:

Q9UDX3

Gene ID:

284904

Database links:

[Entrez Gene: 284904](#) Human

[Entrez Gene: 103655](#) Mouse

[Entrez Gene: 498399](#) Rat

[Omim: 612825](#) Human

[SwissProt: Q9UDX3](#) Human

[SwissProt: Q8R0F9](#) Mouse

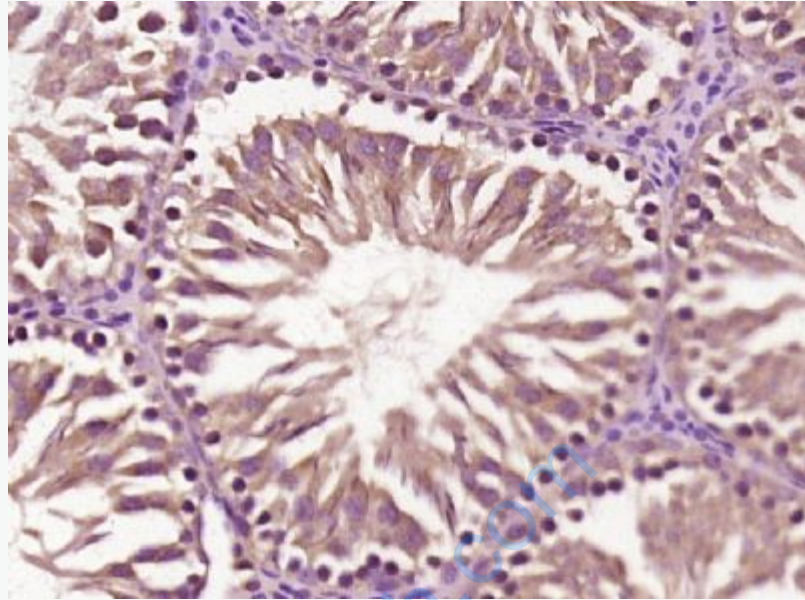
[Unigene: 517541](#) Human

[Unigene: 337476](#) Mouse

[Unigene: 218654](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SEC14L4) Polyclonal Antibody, Unconjugated (SL19610R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.