



Rabbit Anti-SEC23IP antibody

SL19615R

Product Name:	SEC23IP
Chinese Name:	SEC23相互作用蛋白抗体
Alias:	CDA II; CDAII; CDAN2; HEMPAS; Protein transport protein Sec23B; RP11-379J5.1; SC23B_HUMAN; Sec23 homolog B (<i>S. cerevisiae</i>); SEC23 related protein B; SEC23-like protein B; SEC23-related protein B; Sec23b; Transport protein SEC23B.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Horse,Rabbit,Sheep,
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:	111kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SEC23IP:811-910/1000
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:	This gene encodes a member of the phosphatidic acid preferring-phospholipase A1 family. The encoded protein is localized to endoplasmic reticulum exit sites and plays a critical role in ER-Golgi transport as part of the multimeric coat protein II complex. An orthologous gene in frogs is required for normal neural crest cell development, suggesting that this gene may play a role in Waardenburg syndrome neural crest

defects. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Feb 2011]

Function:

Plays a role in the organization of endoplasmic reticulum exit sites.

Subcellular Location:

Cytoplasmic vesicle > COPII-coated vesicle membrane. Endoplasmic reticulum.

Tissue Specificity:

Ubiquitously expressed with stronger levels detected in heart, liver and skeletal muscle.

Similarity:

Belongs to the PA-PLA1 family.

Contains 1 DDHD domain.

Contains 1 SAM (sterile alpha motif) domain.

SWISS:

Q9Y6Y8

Gene ID:

11196

Database links:

[Entrez Gene: 11196](#) Human

[Entrez Gene: 207352](#) Mouse

[Entrez Gene: 309010](#) Rat

[SwissProt: Q9Y6Y8](#) Human

[SwissProt: Q6NZC7](#) Mouse

[Unigene: 435004](#) Human

[Unigene: 667094](#) Human

[Unigene: 297105](#) Mouse

Important Note:

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