

## Product datasheet for **TA340158**

### SEC23IP Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SEC23IP antibody: synthetic peptide directed towards the N terminal of human SEC23IP. Synthetic peptide located within the following region: VPFIPVTQASASPASLLLLPGEDSTDVGEEDSFLGQTSIHTSAPQTFSYFS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	111 kDa
Gene Name:	SEC23 interacting protein
Database Link:	<a href="#">NP_009121</a> <a href="#">Entrez Gene 11196 Human</a> <a href="#">Q9Y6Y8</a>



[View online »](#)

**Background:**

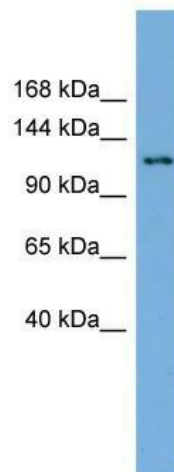
COPII-coated vesicles are involved in protein transport from the endoplasmic reticulum to the Golgi apparatus. The protein encoded by this gene was identified by its interaction with a mouse protein similar to yeast Sec23p, an essential component of the COPII. This protein shares significant similarity with phospholipid-modifying proteins, especially phosphatidic acid preferring-phospholipase A1. Overexpression of this protein has been shown to cause disorganization of the endoplasmic reticulum-Golgi intermediate compartment and Golgi apparatus, which suggests its role in the early secretory pathway.

**Synonyms:**

MSTP053; P125; P125A

**Note:**

Immunogen Sequence Homology: Dog: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Pig: 93%; Guinea pig: 93%; Rabbit: 86%

**Product images:**

WB Suggested Anti-SEC23IP Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: HepG2 cell lysate SEC23IP is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells