

Datasheet for ABIN2784866  
**anti-SEC23IP antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	SEC23IP
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SEC23IP
Sequence:	VPFIPVTQAS ASPASLLLPG EDSTDVGEED SFLGQTSIHT SAPQTFSYFS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SEC23IP. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	SEC23IP
Alternative Name:	SEC23IP ( <a href="#">SEC23IP Products</a> )

## Target Details

Background:	<p>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.</p> <p>Alias Symbols: MSTP053, P125, P125A</p> <p>Protein Interaction Partner: SSC5D, HSPB11, UBC, WWOX, SEPT11, NUDCD2, ZNF518B, URM1, MTHFSD, TBC1D13, ZNF593, SSU72, DSTN, KYNU, UBE2H, TPM3, TPI1, PRDX2, XIAP, HERC2, TSG101, PCNA, POLD4,</p> <p>Protein Size: 1000</p>
Molecular Weight:	111 kDa
Gene ID:	11196
NCBI Accession:	<a href="#">NM_007190</a> , <a href="#">NP_009121</a>
UniProt:	<a href="#">Q9Y6Y8</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1000 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1. WB Suggested Anti-SEC23IP**  
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:2500  
Positive Control: HepG2 cell lysate  
SEC23IP is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells

Western Blotting

**Image 2. WB Suggested Anti-SEC23IP Antibody Titration:**  
0.2-1 ug/ml  
**ELISA Titer:** 1:62500  
**Positive Control:** HepG2 cell lysate