



Rabbit Anti-rSec6 antibody

SL11396R

Product Name:	rSec6
Chinese Name:	胞吐分泌蛋白Sec6抗体
Alias:	EXOC 3; EXOC3; Exocyst complex component 3; Exocyst complex component Sec 6; Exocyst complex component Sec6; rSec 6; Sec 6; Sec-6; Sec 6 homolog; Sec 6p; Sec6; SEC6 L1; SEC6 like 1; Sec6 protein; SEC6L1; Sec6p; EXOC3_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=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:	87kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human rSec6:714-756/756
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 a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein,

are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity.

Function:

Sec6 is a component of the exocyst complex involved in the docking of exocystic vesicles with fusions site on the plasma membrane.

Subunit:

The exocyst complex is composed of EXOC1, EXOC2, EXOC3, EXOC4, EXOC5, EXOC6, EXOC7 and EXOC8. Interacts with EXOC3L1 (By similarity). Interacts with BIRC6/bruce. Interacts with MYRIP

Subcellular Location:

Cytoplasmic

Similarity:

Belongs to the SEC6 family.

SWISS:

O60645

Gene ID:

11336

Database links:

[Entrez Gene: 11336](#)Human

[Entrez Gene: 211446](#)Mouse

[Entrez Gene: 252881](#)Rat

[Omim: 608186](#)Human

[SwissProt: O60645](#)Human

[SwissProt: Q6KAR6](#)Mouse

[SwissProt: Q62825](#)Rat

[Unigene: 481464](#)Human

[Unigene: 489612](#)Mouse

[Unigene: 6753](#)Rat

Important Note:

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