

产品名称: Sec16A Rabbit Polyclonal Antibody
产品货号: APRab17689



产品概述 (Summary)

产品名称 (Production Name)	Sec16A Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Rat, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SEC16A
别名 (Alternative Names)	SEC16A; KIAA0310; SEC16; SEC16L; Protein transport protein Sec16A; SEC16 homolog A
基因 ID (Gene ID)	9919.0
蛋白 ID (SwissProt ID)	O15027. The antiserum was produced against synthesized peptide derived from human SEC16A. AA range: 1013-1062

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	

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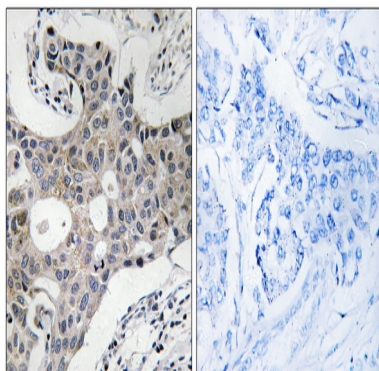
研究背景 (Background)

This gene encodes a protein that forms part of the Sec16 complex. This protein has a role in protein transport from the endoplasmic reticulum (ER) to the Golgi and mediates COPII vesicle formation at the transitional ER. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Feb 2013],function:Defines endoplasmic reticulum exit sites (ERES) and is required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining an ERES. Required for normal transitional endoplasmic reticulum (tER) organization.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the SEC16 family.,subcellular location:SAR1A activity is required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation.,subunit:SEC16A and SEC16B are each present in multiple copies in a heteromeric complex. Interacts with SEC23A.,tissue specificity:Ubiquitous. Expressed at higher levels in the pancreas.,

研究领域 (Research Area)

Vesicle Transport; Regulation; Signal Transduction; Protein Trafficking; Golgi Proteins

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using SEC16A Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .