Datasheet for ABIN453361

anti-SAR1A antibody (Middle Region)

3 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	SAR1A
Binding Specificity:	AA 128-158, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 128~158 amino acids from the Center region of Human SAR1A
Specificity:	This antibody recognizes SAR1A (Center).
Purification:	Protein A Chromatography followed by peptide Affinity purification.

Target Details

Target:	SAR1A
Alternative Name:	SAR1A (SAR1A Products)
Background:	SAR1A is involved in transport from the endoplasmic reticulum to the Golgi apparatus (By similarity) and required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation. SAR1A-GTP-dependent assembly of SEC16A

Copyright antibodies-online. All rights reserved.

Target Details

	on the ER membrane forms an organized scaffold defining endoplasmic reticulum exit sites (ERES).Synonyms: COPII-associated small GTPase, GTP-binding protein SAR1a, SAR1, SARA, SARA1
Gene ID:	56681
NCBI Accession:	NP_001136120
UniProt:	Q9NR31

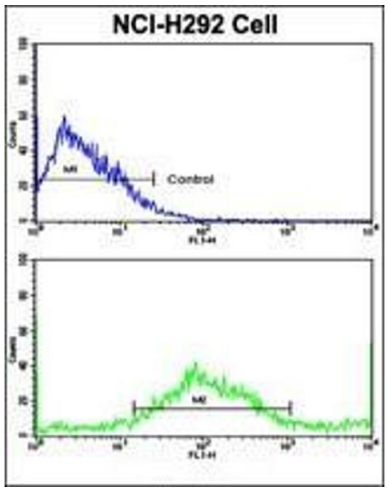
Application Details

Application Notes:	ELISA: 1/1,000. Western blotting: 1/100-1/500. Flow Cytometry: 1/10-1/50Immunohistochemistry on Paraffin Sections: 1/50-1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

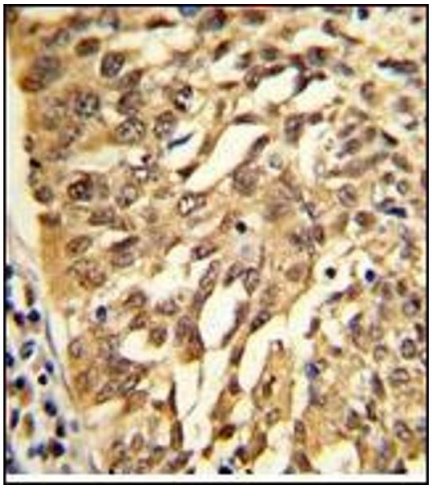
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Copyright antibodies-online. All rights reserved.



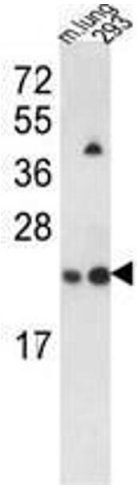
Flow Cytometry

Image 1. Flow Cytometric analysis of NCI-H292 cells using AP17730PU-N SAR1A Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated Goat-anti-Rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. AP17730PU-N SAR1A Antibody (Center) staining of Formalin-Fixed, Paraffin-Embedded Human lung carcinoma. This antibody was peroxidase-conjugated to the secondary antibody, followed by DAB staining.



Western Blotting

Image 3. Western blot analysis of SAR1A Antibody (Center) in 293, NCI-H460 cell line and mouse lung tissue lysates (35ug/lane). SAR1A (arrow) was detected using the purified Pab.

Copyright antibodies-online. All rights reserved.