

Rabbit SAR1A Polyclonal Antibody | anti-SAR1A antibody

SAR1A Antibody

CATALOG # AAA327999	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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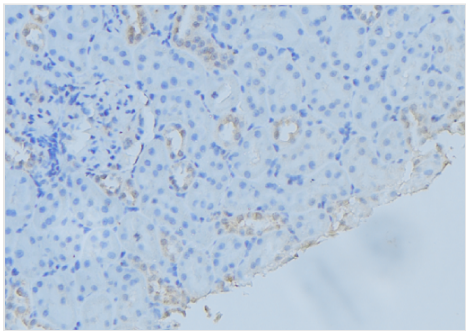
PRODUCT SYNONYMS

SAR1A; Polyclonal Antibody; SAR1A Antibody; COPII associated small GTPase; COPII-associated small GTPase; GTP binding protein SAR1a; GTP-binding protein SAR1a; Masra 2; Masra2; SAR 1; SAR1 gene homolog A; SAR1 homolog A (S. cerevisiae); SAR1a gene homolog (S cerevisiae) 1; SAR1a gene homolog 1 (S cerevisiae); SAR1a gene homolog 1; SAR1A_HUMAN; SARA 1; Sara; SARA1; anti-SAR1A antibody

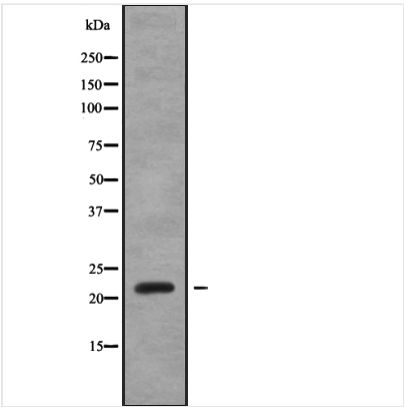
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SAR1A antibody detects endogenous levels of total SAR1A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	198
Applicable Applications for anti-SAR1A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SAR1A
Subcellular Location	Endoplasmic Reticulum. Golgi Apparatus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Chicken (90%), Xenopus (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327999 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis SAR1A using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-SAR1A antibody	Function: Involved in transport from the endoplasmic reticulum to the Golgi apparatus (By similarity). Required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining endoplasmic reticulum exit sites (ERES). Subunit Structure: Interacts with B3GAT1. Similarity: Belongs to the small GTPase superfamily. SAR1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	217416369
NCBI GeneID	56681
NCBI Accession #	NP_001136120.1
NCBI GenBank Nucleotide #	NM_001142648.1
UniProt Accession #	Q9NR31; B4DQ19
Molecular Weight	Observed: 22 kDa Predicted: 23 kDa
NCBI Official Full Name	GTP-binding protein SAR1a
NCBI Official Synonym Full Names	secretion associated Ras related GTPase 1A
NCBI Official Symbol	SAR1A
NCBI Official Synonym Symbols	SAR1; Sara; SARA1; masra2
NCBI Protein Information	GTP-binding protein SAR1a
UniProt Protein Name	GTP-binding protein SAR1a
UniProt Gene Name	SAR1A
UniProt Synonym Gene Names	SAR1; SARA; SARA1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.