

Datasheet for ABIN334486
anti-SAR1B antibody (Internal Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	SAR1B
Binding Specificity:	Internal Region
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This SAR1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	SAR1B / SARA2
Immunogen:	Peptide with sequence C-DHERLLESKEELD, from the internal region of the protein sequence according to NP_001028675.1, NP_057187.1.
Sequence:	DHERLLESKE ELD
Isotype:	IgG
Specificity:	Both reported variants (NP_001028675.1 and NP_057187.1) represent identical protein
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

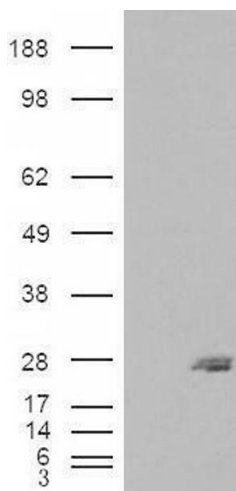
Target:	SAR1B
Alternative Name:	SAR1B (SAR1B Products)
Background:	SAR1B, SARA2, SAR1 gene homolog B (S. cerevisiae), CMRD, GTBPB, 2310075M17Rik, GTP-binding protein Sara, SAR1a gene homolog 2
Gene ID:	51128, 66397, 287276
NCBI Accession:	NP_001028675 , NP_057187
Pathways:	Lipid Metabolism

Application Details

Application Notes:	Western Blot: Approx. 25 kDa band observed in Mouse Liver and Rat Liver lysates (calculated MW of 22.4 kDa according to human NP_057187.1 and mouse NP_079811.1). In transfected HEK293 transiently expressing SAR1B a band of approx. 26 kDa is observed. This b Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
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:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. HEK293 overexpressing SAR1B (ABIN5457296) and probed with ABIN334486 (mock transfection in first lane).



Image 2. ABIN334486 (0.03µg/ml) staining of Mouse Liver lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.