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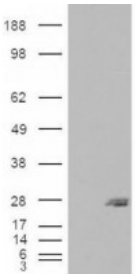
SAR1B Antibody

CATALOG NUMBER: 46-336

Western blot analysis of SAR1B in mouse liver lysate (35 ug protein in RIPA buffer) using SAR1B Antibody at 0.03 ug/mL.



HEK293 overexpressing SAR1B and probed with SAR1B antibody (mock transfection in first lane).

Specifications

SPECIES REACTIVITY:	Mouse, Rat
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:8,000. Western Blot: Approximately 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 approximately 26 kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.03-0.1 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1404 - Mouse Liver Tissue Lysate
SPECIFICITY:	Both reported variants (NP_001028675.1 and NP_057187.1) represent identical protein
IMMUNOGEN:	SAR1B antibody was raised against a 13 amino acid synthetic peptide near the internal region of SAR1B.
HOST SPECIES:	Goat

Properties

PURIFICATION:	SAR1B antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	SAR1B antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	SAR1B, SAR1 gene homolog B (S. cerevisiae), CMRD, GTBPB, SARA2, 2310075M17Rik, GTP-binding protein Sara, SAR1a gene homolog 2, SARB
ACCESSION NO.:	NP_001028675.1, NP_057187.1
PROTEIN GI NO.:	75709204

OFFICIAL SYMBOL:	SAR1B
GENE ID:	51128

Background

REFERENCES:	1) Evans K, Burdge GC, Wootton SA, Collins JM, Clark ML, Tan GD, Karpe F, Frayn KN. Tissue-specific stable isotope measurements of postprandial lipid metabolism in familial combined hyperlipidaemia. Atherosclerosis. 2007 Apr 25;

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