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EB07902 - Goat Anti-SAR1B / SARA2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: SAR1B, SARA2, SAR1 gene homolog B (S. cerevisiae), CMRD, GTBPB, 2310075M17Rik, GTP-binding protein Sara, SAR1a gene homolog 2

Official Symbol: SAR1B

Accession Number(s): NP_001028675.1; NP_057187.1

Human GeneID(s): 51128

Non-Human GeneID(s): 66397 (mouse), 287276 (rat)

Important Comments: Both reported variants (NP_001028675.1 and NP_057187.1)

represent identical protein

Immunogen

Peptide with sequence C-DHERLLESKEELD, from the internal region of the protein sequence according to NP_001028675.1; NP_057187.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx. 25kDa band observed in Mouse Liver and Rat Liver lysates (calculated MW of 22.4kDa according to human NP_057187.1 and mouse NP_079811.1). In transfected HEK293 transiently expressing SAR1B a band of approx. 26kDa is observed. This band is not observed in the non-transfected HEK293. Recommended concentration: 0.03-0.1μg/ml.

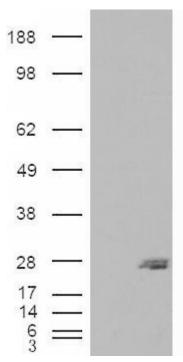
Species Reactivity

Tested: Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat,



EB07902 ($0.03\mu g/ml$) staining of Mouse Liver lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing SAR1B (RC210593) and probed with EB07902 (mock transfection in first lane), tested by Origene.