EB09614 - Goat Anti-CYB5R3 / Dia 1 (mouse) Antibody

Size: 100µg specific antibody in 200µl

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Target Protein

Principal Names: Cyb5r3, cytochrome b5 reductase 3, 0610016L08Rik, 2500002N19Rik, C85115, Dia-1, Dia1, WU:AL591952.1-001, WU:AL591952.1-002, WU:AL591952.1-003, WU:Cyb5r3, NADH-cytochrome b5 reductase, diaphorase 1, diaphorase 1 (NADH)
Official Symbol: Cyb5r3
Accession Number(s): NP_084063.1
Non-Human GeneID(s): 109754 (mouse), 25035 (rat)

Immunogen

Peptide with sequence PNLERVGHPKERC, from the C Terminus of the protein sequence according to NP_084063.1.

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 1:32000.
Western blot: Approx 35kDa band observed in Mouse Liver lysates as well as in mouse and rat brain lysates (calculated MW of 34.1kDa according to mouse NP_084063.1).
Recommended concentration: 0.1-1µg/ml.

Species Reactivity

Tested: Mouse
Expected from sequence similarity: Mouse, Rat, Dog, Cow

EB09614 (0.1µg/ml) staining of Mouse Liver lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.