

Goat anti-Cyb5r4 (mouse aa444-458) Antibody

Item Number	dAP-2633
Target Molecule	Principle Name: Cyb5r4 (mouse aa444-458); Official Symbol: Cyb5r4; All Names and Symbols: Cyb5r4; cytochrome b5 reductase 4; 2810034J18Rik; B5+B5R; C79736; Cb5cb5; Ncb5or; b5/b5r; b5b5r; N-terminal cytochrome b5 and cytochrome b5 oxidoreductase domain-containing protein; NADPH cytochrome B5 oxidoreductase; cb5/cb5R; cytochrome b-type NAD(P)H ; Accession Number (s): NP_077157.2; Human Gene ID(s): ; Non-Human GeneID(s): 266690 (mouse)
Immunogen	RCQLEKLALREKRF, is from internal region
Applications	Pep ELISA, WB Species Tested: Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 64000.
Western Blot	Western Blot: Approx 65kDa band observed in Rat Spleen lysates (calculated MW of 55kDa according to NP_596918.2 and 58.8kDa according to Q68EJ0-1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Xu M, Wang W, Frontera JR, Neely MC, Lu J, Aires D, Hsu FF, Turk J, Swerdlow RH, Carlson SE, Zhu H. Ncb5or deficiency increases fatty acid catabolism and oxidative stress. J Biol Chem. 2011 Apr 1;286(13):11141-54.. PMID: 21300801->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**