

Summary

Production Name	CYB5R1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CYB5R1
Alternative Names	CYB5R1; NQO3A2; NADH-cytochrome b5 reductase 1; b5R.1; Humb5R2; NAD(P)H:quinone oxidoreductase type 3 polypeptide A2
Gene ID	51706.0
SwissProt ID	Q9UHQ9.The antiserum was produced against synthesized peptide derived from human CYB5R1. AA range:9-58

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:20000
Molecular Weight	34kD

Product Name: CYB5R1 Rabbit Polyclonal Antibody
Catalog #: APRab09573



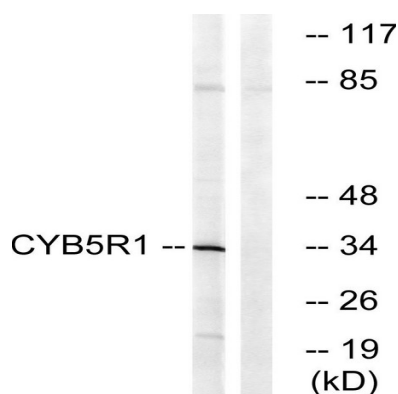
Background

catalytic activity:NADH + 2 ferricytochrome b5 = NAD(+) + H(+) + 2 ferrocycytochrome b5.,cofactor:FAD.,function:NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction.,similarity:Belongs to the flavoprotein pyridine nucleotide cytochrome reductase family.,similarity:Contains 1 FAD-binding FR-type domain.,tissue specificity:Widely expressed.,catalytic activity:NADH + 2 ferricytochrome b5 = NAD(+) + H(+) + 2 ferrocycytochrome b5.,cofactor:FAD.,function:NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction.,similarity:Belongs to the flavoprotein pyridine nucleotide cytochrome reductase family.,similarity:Contains 1 FAD-binding FR-type domain.,tissue specificity:Widely expressed.,

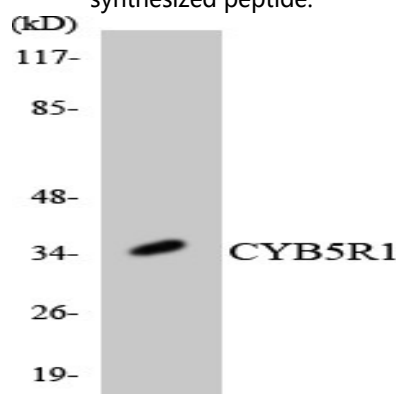
Research Area

Amino sugar and nucleotide sugar metabolism;

Image Data



Western blot analysis of lysates from RAW264.7 cells, using CYB5R1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from K562 cells using CYB5R1 antibody.

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Note

For research use only.