



# CYB5R1 rabbit pAb

Cat No.:ES6560

For research use only

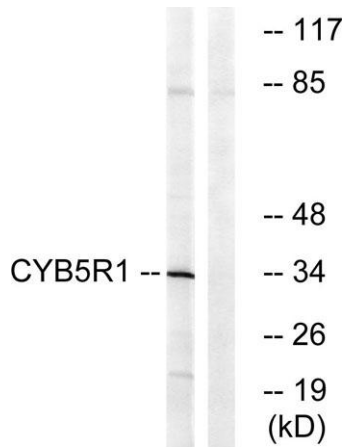
## Overview

<b>Product Name</b>	CYB5R1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CYB5R1. AA range:9-58
<b>Specificity</b>	CYB5R1 Polyclonal Antibody detects endogenous levels of CYB5R1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	NADH-cytochrome b5 reductase 1
<b>Gene Name</b>	CYB5R1
<b>Cellular localization</b>	Membrane ; Single-pass membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	34kD
<b>Human Gene ID</b>	51706
<b>Human Swiss-Prot Number</b>	Q9UHQ9
<b>Alternative Names</b>	CYB5R1; NQO3A2; NADH-cytochrome b5 reductase 1; b5R.1; Humb5R2; NAD(P)H:quinone oxidoreductase type 3 polypeptide A2
<b>Background</b>	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,

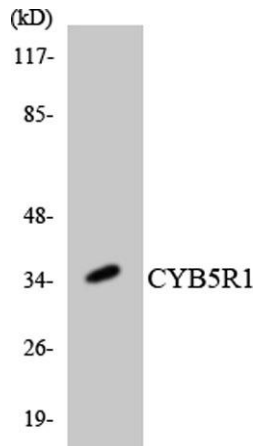




methemoglobin reduction.,similarity:Belongs to the flavoprotein pyridine nucleotide cytochrome reductase family.,similarity:Contains 1 FAD-binding FR-type domain.,tissue specificity:Widely expressed.,



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.

