

Rabbit CYB5R1 Polyclonal Antibody | anti-CYB5R1 antibody

CYB5R1 Antibody

CATALOG # AAA324873	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunocytochemistry, Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

PRODUCT SYNONYMS

CYB5R1; Polyclonal Antibody; CYB5R1 Antibody; b5R.1; B5R1; B5R2; Cytochrome b5 reductase 1; EC 1.6.2.2; Humb5R2; NAD; NAD(P)H:quinone oxidoreductase type 3 polypeptide A2; NAD(P)H:quinone oxidoreductase type 3; polypeptide A2; NADH cytochrome b5 reductase 1; NADH-cytochrome b5 reductase 1; NB5R1_HUMAN; NQO3A2; UNQ3049/PRO9865; anti-CYB5R1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CYB5R1 antibody detects endogenous levels of total CYB5R1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	305
Applicable Applications for anti-CYB5R1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Membrane.
Tissue Specificity	Widely expressed.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Zebrafish (90%), Bovine (82%), Horse (91%), Sheep (82%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324873 staining RAW264.7 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from RAW264.7 cells, using CYB5R1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CYB5R1 antibody	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.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	49574502
NCBI GeneID	51706
NCBI Accession #	NP_057327.2
NCBI GenBank Nucleotide #	NM_016243.2
UniProt Accession #	Q9UHQ9; O95329; Q53F73; Q8NCL5; Q9UHH1; A0PK21; B2R8E0
Molecular Weight	Observed: 34 kD Predicted: 35 kDa
NCBI Official Full Name	NADH-cytochrome b5 reductase 1
NCBI Official Synonym Full Names	cytochrome b5 reductase 1
NCBI Official Symbol	CYB5R1
NCBI Official Synonym Symbols	B5R1; B5R2; B5R.1; NQO3A2; humb5R2
NCBI Protein Information	NADH-cytochrome b5 reductase 1
UniProt Protein Name	NADH-cytochrome b5 reductase 1
UniProt Gene Name	CYB5R1
UniProt Synonym Gene Names	NQO3A2; b5R.1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cyb5r1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324873>