

CYB5R3 (I169) polyclonal antibody

Catalog: BS3337

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

CYB5R3 (NADH-cytochrome b5, reductase 3, diaphorase 1) is a 301 amino acid protein encoded by the human gene CYB5R3. CYB5R3 belongs to the flavoprotein pyridine nucleotide cytochrome reductase family and has two naturally occurring isoforms. Isoform 1 is anchored to the cytoplasmic side of the endoplasmic reticulum membrane and mitochondrion outer membrane, while isoform 2 is the soluble form found in erythrocytes. CYB5R3 is involved in the desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism and, in erythrocytes, methemoglobin reduction.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 34 kDa

Swiss-Prot:

P00387

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

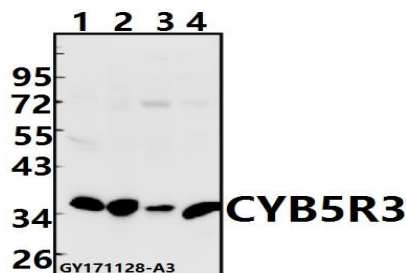
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CYB5R3 (I169) polyclonal antibody detects endogenous levels of CYB5R3 protein.

DATA:



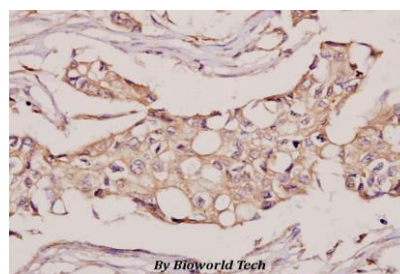
Western blot (WB) analysis of CYB5R3 (I169) pAb at 1:500 dilution

Lane1: MCF-7 whole cell lysate (40ug)

Lane2: A549 whole cell lysate (40ug)

Lane3: The Testis tissue lysate of Rat (40ug)

Lane4: The Testis tissue lysate of Mouse (40ug)



Immunohistochemistry (IHC) analyzes of CYB5R3 (I169) pAb in paraffin-embedded human breast carcinoma tissue at 1:50.

Note:

For research use only, not for use in diagnostic procedure.

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