



Anti-CYB5R2 (aa 1-182) polyclonal antibody (DPABH-22543)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	NADH-cytochrome b5 reductases are involved in desaturation and elongation of fatty acids, cholesterol biosynthesis, drug metabolism, and, in erythrocyte, methemoglobin reduction (By similarity). Responsible for NADH-dependent lucigenin chemiluminescence in spermatozoa by reducing both lucigenin and 2-[4-iodophenyl]-3-[4-nitrophenyl]-5-[2,4-disulfophenyl]-2H tetrazolium monosodium salt (WST-1).
Immunogen	Recombinant fragment, corresponding to a region within amino acids 1-182 of Human CYB5R2 (Q6BCY4).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µl
Buffer	pH: 7.00; Constituents: 78% PBS, 20% Glycerol, 1% BSA
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CYB5R2 cytochrome b5 reductase 2 [Homo sapiens]
Official Symbol	CYB5R2
Synonyms	CYB5R2; cytochrome b5 reductase 2; NADH-cytochrome b5 reductase 2; cytochrome b5 reductase b5R.2; B5R.2;
Entrez Gene ID	51700
Protein Refseq	NP_057313
UniProt ID	Q6BCY4
Chromosome Location	11p15.4
Pathway	Amino sugar and nucleotide sugar metabolism;
Function	cytochrome-b5 reductase activity; oxidoreductase activity;