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Datasheet for ABIN709910

anti-Cytochrome b5 (CYTB5) (AA 9-80) antibody (HRP)

Overview

Quantity:	100 µL
Target:	Cytochrome b5 (CYTB5)
Binding Specificity:	AA 9-80
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Cytochrome b5
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig
Purification:	Purified by Protein A.

Target Details

Target:	Cytochrome b5 (CYTB5)
Alternative Name:	Cytochrome b5 (CYTB5 Products)

Target Details

Background:	Synonyms: CYB 5, CYB 5A, CYB5, CYB5_HUMAN, CYB5A, Cytochrome b 5, Cytochrome b5 microsomal, Cytochrome b5, Cytochrome b5 type A microsomal, Cytochrome b5 type A, MCB 5, MCB5, Microsomal cytochrome b5, Microsomal cytochrome b5 type A, Type 1 cyt b5, CYB5A. Background: The protein encoded by this gene is a membrane-bound cytochrome that reduces ferric hemoglobin (methemoglobin) to ferrous hemoglobin, which is required for stearyl-CoA-desaturase activity. Defects in this gene are a cause of type IV hereditary methemoglobinemia. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]
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Gene ID:	1528
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Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months