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Datasheet for ABIN7149089

anti-Cytochrome B Reductase 1 antibody (AA 220-286) (HRP)

Overview

Quantity:	100 µg
Target:	Cytochrome B Reductase 1 (CYBRD1)
Binding Specificity:	AA 220-286
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytochrome B Reductase 1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Cytochrome b reductase 1 protein (220-286AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Cytochrome B Reductase 1 (CYBRD1)
Alternative Name:	CYBRD1 (CYBRD1 Products)
Background:	Background: Ferric-chelate reductase that reduces Fe(3+) to Fe(2+). Present at the brush border of duodenal enterocytes where it probably reduces dietary Fe(3+) thereby facilitating its

Target Details

transport into the mucosal cells. Uses ascorbate as electron donor. May be involved in extracellular ascorbate recycling in erythrocyte membranes. May also act as a ferrireductase in airway epithelial cells.

Aliases: CYBR 1 antibody, CYBR1 antibody, CYBR1_HUMAN antibody, CYBRD 1 antibody, cybrd1 antibody, Cytochrome b reductase 1 antibody, DCYTB antibody, DKFZp564E227 antibody, Duodenal cytochrome b antibody, Ferric chelate reductase 3 antibody, Ferric-chelate reductase 3 antibody, FLJ23462 antibody, FRRS3 antibody

UniProt: [Q53TN4](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.