

bs-8297R

[Primary Antibody]

CYBR1 Rabbit pAb

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ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow, Chicken, Dog, Horse)
GeneID: 79901	SWISS: Q53TN4	Predicted MW.: 31 kDa
Target: CYBR1		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human CYBR1/Cytochrome b reductase 1: 51-150/286.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
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 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.		

— SELECTED CITATIONS —

- **[IF=5.008]** Rychtarcikova, Zuzana, et al. "Tumor-initiating cells of breast and prostate origin show alterations in the expression of genes related to iron metabolism." Oncotarget (2016). WB ;="Human". 28031527