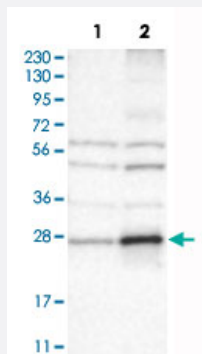


CYBRD1 polyclonal antibody

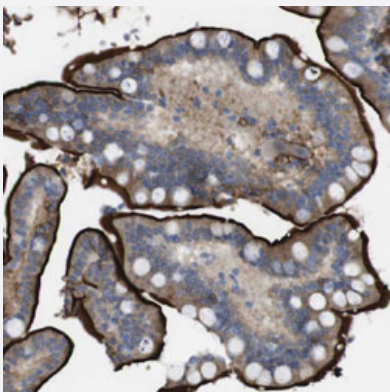
Catalog # PAB31449 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251 MG sp cell lysates with CYBRD1 polyclonal antibody (Cat # PAB31449).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human colon with CYBRD1 polyclonal antibody (Cat # PAB31449) shows strong cytoplasmic and membranous positivity in glandular cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human CYBRD1.
Immunogen	Recombinant protein corresponding to human CYBRD1.
Sequence	VTRPQWKRPKEPNSTILHPNGGTEQGARGSMPAYSGNNMDKSDSELNNEVAARKRNLALDEAG QRSTM
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1:1000) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: RT-4 and Lane 2: U-251 MG sp cell lysates with CYBRD1 polyclonal antibody (Cat # PAB31449).

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Gene Info — CYBRD1

Entrez GeneID	79901
Protein Accession#	Q53TN4
Gene Name	CYBRD1
Gene Alias	DCYTB, FLJ23462, FRRS3
Gene Description	cytochrome b reductase 1
Omim ID	605745
Gene Ontology	Hyperlink

Gene Summary

This gene is a member of the cytochrome b(561) family that encodes an iron-regulated protein. It is highly expressed in the duodenal brush border membrane. It has ferric reductase activity and is believed to play a physiological role in dietary iron absorption. [provided by RefSeq]

Other Designations

duodenal cytochrome b|ferric-chelate reductase 3

Publication Reference

- [DCYTB is a predictor of outcome in breast cancer that functions via iron-independent mechanisms.](#)

Lemler DJ, Lynch ML, Tesfay L, Deng Z, Paul BT, Wang X, Hegde P, Manz DH, Torti SV, Torti FM.

Breast Cancer Research 2017 Mar; 19(1):25.

Application: IF, IHC, WB-Tr, Human, Human breast tissue microarray, T-47D, MCF-7, SK-BR-3 cells

Disease

- [Abortion](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Hereditary hemochromatosis](#)
- [Iron Overload](#)
- [Myocardial Infarction](#)
- [Stroke](#)