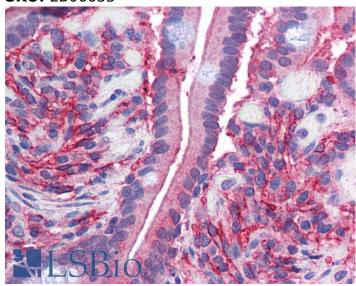




Telephone: (650) 697-3600

## **GOAT ANTI-CYTOCHROME B REDUCTASE 1 ANTIBODY**

**SKU:** EB06633



## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 

Storage

Aliquot and store at -20°C. Minimize freezing and thawing. Instructions

Synonym /

Alias

ferric-chelate reductase 3|FRRS3|duodenal cytochrome b|cytochrome b reductase 1|FLJ23462|DCYTB|CYBRD1

**Names** 

**Accession** 

ID

NP\_079119.3

**Blocking Peptide** 

EBP06633

**Immunogen** 

Peptide with sequence CRNLALDEAGQRSTM, from the C Terminus of the protein sequence according to

NP 079119.3.

**Product** Comments

This antibody is expected to recognise isoform 1 (NP\_079119.3) only.

**Peptide** Sequence

**CRNLALDEAGORSTM** 

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography

Method using the immunizing peptide.





Email: customerservice@vectorlabs.com

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Shipping Instructions

Refrigerated

**Predicted** 

Human, Dog, Pig, Cow

**Species** Reactive

Human **Species** 

Human

79901

Gene ID

**Product** 

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite medium.png Grade

In paraffin embedded Human Testis shows membranous staining in primarily myofibroblasts of the basement

IHC Results membrane surrounding the seminiferous tubules. Recommended concentration: 2-5µg/ml. Paraffin embedded

Human Small Intestine. Recommended concentration: 2.5ug/ml.

**ELISA** 

Detection

Antibody detection limit dilution 1:16000.

Limit Western

Preliminary experiments gave bands at approx 35kDa and a 26+28kDa doublet in human colon lysate after 0.1µg/ml antibody staining. The detected bands were all successfully blocked by with the immunizing peptide.

This antibody was successfully used in WB on Human in PMID: 24894955, 21973163 and 18830567.

**Application** 

**Type** 

Blot

Pep-ELISA, WB, IHC

## SELECTED REFERENCES

[{"pmid": 18830567, "intro": "This antibody has been successfully used in WB on Human:", "title": "Differing expression of genes involved in non-transferrin iron transport across plasma membrane in various cell types under iron deficiency and excess.", "author": "Balusikova K, Neubauerova J, Dostalikova-Cimburova M, Horak J, Kovar J.", "journal": "Mol Cell Biochem. 2009 Jan;321(1-2):123-33."}, {"pmid": 24894955, "intro": "This antibody has been successfully used in WB on Human:", "title": "Role of duodenal iron transporters and hepcidin in patients with alcoholic liver disease.", "author": "Dostalikova-Cimburova M, Balusikova K, Kratka K, Chmelikova J, Hejda V, Hnanicek J, Neubauerova J, Vranova J, Kovar J, Horak J.", "journal": "J Cell Mol Med. 2014 Jun 3."}, {"pmid": 21973163, "intro": "This antibody has been successfully used in WB on Human:", "title": "Duodenal expression of iron transport molecules in patients with hereditary hemochromatosis or iron\r\ndeficiency.", "author": "Dostalikova-Cimburova M, Kratka K, Balusikova K, Chmelikova J, Hejda V, Hnanicek J, Neubauerova J, Vranova J, Kovar J, Horak J.", "journal": "J Cell Mol Med. 2012 Aug;16(8):1816-26."}]

## **GALLERY IMAGES**





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