

Product datasheet for **AP32023PU-N**

Cytochrome b reductase 1 (CYBRD1) Goat Polyclonal Antibody

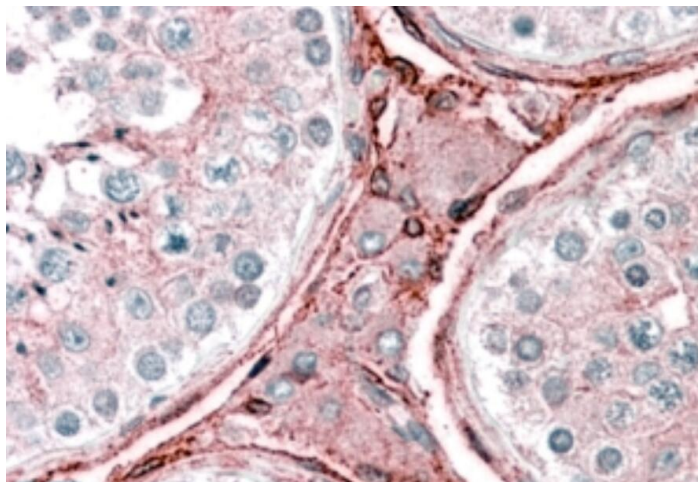
Product data:

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| Product Type: | Primary Antibodies |
| Applications: | IHC |
| Recommended Dilution: | Peptide ELISA: 1/16000 (Detection Limit). Western Blot: Experiments gave bands at approx 35kDa and a 26+28kDa doublet in human colon lysate after 0.1 µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 31.6kDa according to NP_079119. The detected bands were all successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). Immunohistochemistry on Paraffin Sections: 2-5 µg/ml. In paraffin embedded Human Testis shows membranous staining in primarily myofibroblasts of the basement membrane surrounding the seminiferous tubules. An anonymous customer found positive results on Mouse duodenum. |
| Reactivity: | Bovine, Canine, Human, Porcine |
| Host: | Goat |
| Clonality: | Polyclonal |
| Immunogen: | Synthetic peptide from the C-Terminus of Human CYBRD1 (NP_079119.3) |
| Specificity: | This antibody is expected to recognise isoform 1 of CYBRD1 (NP_079119.3) only. |
| Formulation: | Tris saline, pH~7.3, 0.02% Sodium Azide State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide |
| Concentration: | lot specific |
| Purification: | Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide |
| Conjugation: | Unconjugated |

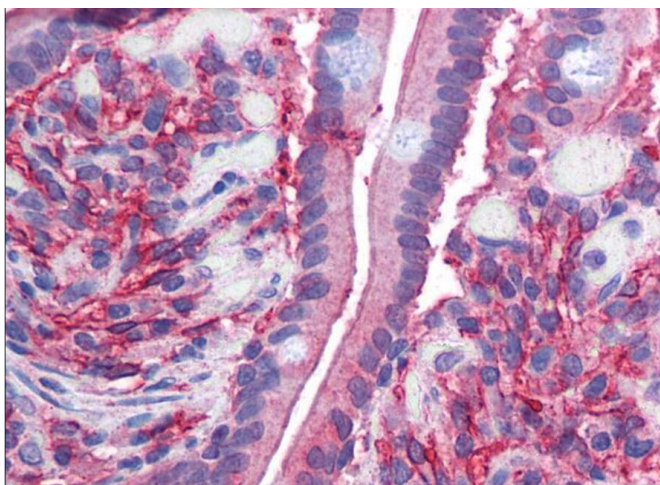


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| Storage: | Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | cytochrome b reductase 1 |
| Database Link: | Entrez Gene 79901 Human Q53TN4 |
| Synonyms: | Cytochrome b reductase 1, DCYTB, FRRS3, Duodenal cytochrome b, Ferric-chelate reductase 3 |

Product images:

AP32023PU-N (2.5ug/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



AP32023PU-N (2.5ug/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.