

## Product datasheet for **AP21402BT-N**

### CYB5R3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, ID, IF, IP, R, WB
Recommended Dilution:	Can be used in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and immuno-fluorescence or histochemical techniques). <u>Recommended working dilutions:</u> vary widely, but may be between 1/1000 and 1/9000.
Reactivity:	Bovine
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Diaphorase isolated and purified from porcine heart. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Biotin-conjugated IgG fraction of polyclonal rabbit antiserum to diaphorase from porcine heart. The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: immunoelectrophoresis, cross-immunoelectrophoresis, single radial immunodiffusion (Ouchterlony), block titration, ELISA, immunoblotting and enzyme inhibition.
Formulation:	PBS, pH 7.2 without preservatives and foreign proteins Label: Biotin State: Lyophilized IgG fraction Label: <u>Marker:</u> N-Hydroxysuccinimidobiotin. <u>Conjugation procedure:</u> A proprietary technique for the binding to biotin is used, followed by several purification steps. After each step activity and specificity are tested in a variety of techniques. The conjugate is lyophilised to assure stability and long shelf life Molar ratio: Biotin/ IgG ~4.8
Reconstitution Method:	Restore by adding 1.0 ml of sterile distilled water
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography
Conjugation:	Biotin



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<b>Storage:</b>	Prior to and following reconstitution store the antibody at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Database Link:</b>	<a href="#">P83686</a>
<b>Synonyms:</b>	NADH-cytochrome b5 reductase 3, B5R, DIA1, Diaphorase-1