

Anti-Hephaestin/HEPH Antibody Picoband® Biotin Conjugated

Catalog Number: A05316-1-Biotin

About HEPH

Enables ferroxidase activity. Involved in intestinal iron absorption; multicellular organismal-level iron ion homeostasis; and positive regulation of iron export across plasma membrane. Acts upstream of or within erythrocyte differentiation. Predicted to be located in perinuclear region of cytoplasm. Predicted to be active in basolateral plasma membrane. Orthologous to human HEPH (hephaestin).

Overview

Product Name	Anti-Hephaestin/HEPH Antibody Picoband® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
Application	WB, IHC, ELISA
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9Z0Z4

Technical Details

Immunogen	E.coli-derived human Hephaestin/HEPH recombinant protein (Position: E348-Q1157). Mouse Hephaestin/HEPH shares 85.6% and 96.2% amino acid (aa) sequence identity with human and rat Hephaestin/HEPH, respectively.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Biotin
Suggested Dilutions	Western blot, Optimal dilutions should be determined by end users. Immunohistochemistry (Paraffin-embedded Section), Optimal dilutions should be determined by end users. ELISA, Optimal dilutions should be determined by end users.

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