

Product datasheet for **AP09098SU-N**

Biotin Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	Western Blot: 1/10,000 – 1/25,000. Dot Blot. ELISA: 1/625,000. Immuoprecipitation.
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Biotin conjugated to Keyhole Limpet Hemocyanin (KLH)
Specificity:	This antibody reacts to Biotin.
Formulation:	0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.4 containing 0.01% (w/v) Sodium Azide as preservative State: Serum State: Lyophilized serum
Reconstitution Method:	Restore with 2.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2–8°C. Following reconstitution store the antibody 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.



Background:	Biotin is a water soluble vitamin, generally classified as a B complex vitamin, also called vitamin B4. After the initial discovery of biotin, nearly forty years of research were required to establish it as a vitamin. Biotin is required by all organisms but can only be synthesized by bacteria, yeasts, molds, algae, and some plant species. Biotin is required as prosthetic group of enzymes involved in incorporation of carbon dioxide into organic compounds. Biotin has a MW of 244 Da.
Synonyms:	Vitamin B7, Vitamin H