

Biotin Rabbit pAb

Catalog No.: A18848

1 Publications

Basic Information

Observed MW

25kDa(Light chain),55kDa(Heavy chain)

Calculated MW

Category

Primary antibody

Applications

WB

Cross-Reactivity

Species independent

Background

It is well know now that biotin plays important roles in a variety of critical metabolic reactions in the cell, and thus, is essential for normal human health, growth and development. Biotin is a water-soluble vitamin required by all organisms by virtue of its essential role in carboxylation reactions. Streptavidin and its homologs (together referred to as streptavidin) are widely used in molecular science owing to their highly selective and stable interaction with biotin.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

Swiss Prot

Immunogen

Chemical compounds corresponding to Biotin.

Synonyms

Contact

☎ | 400-999-6126

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Product Information

Source

Rabbit

Isotype

IgG

Purification

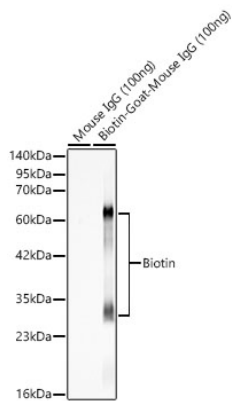
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of recombinant Biotin-Goat-Mouse IgG Protein using Biotin Rabbit pAb (A18848) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 100 ng per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.