

# 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 known 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

Biotin

### Synonyms

## Contact

 | 400-999-6126

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

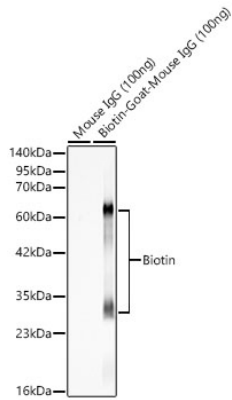
### Storage

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

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

## Validation Data

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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.