

A20684

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## Biotin Rabbit mAb

Catalog No.: A20684

Recombinant

2 Publications

### Basic Information

#### Observed MW

25-55kDa

#### Calculated MW

#### Category

Small Molecule-specific Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Other (Wide Range Predicted)

#### CloneNo number

ARC50695

### Background

Biotin is an organic heterobicyclic compound that consists of 2-oxohexahydro-1H-thieno[3,4-d]imidazole having a valeric acid substituent attached to the tetrahydrothiophene ring. The parent of the class of biotins. It has a role as a prosthetic group, a coenzyme, a nutraceutical, a human metabolite, a *Saccharomyces cerevisiae* metabolite, an *Escherichia coli* metabolite, a mouse metabolite, a cofactor and a fundamental metabolite. It is a member of biotins and a vitamin B7. It is a conjugate acid of a biotinate.

### Recommended Dilutions

WB 1:100 - 1:500

### Immunogen Information

Gene ID

Swiss Prot

#### Immunogen

Biotin

#### Synonyms

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG1

#### Purification

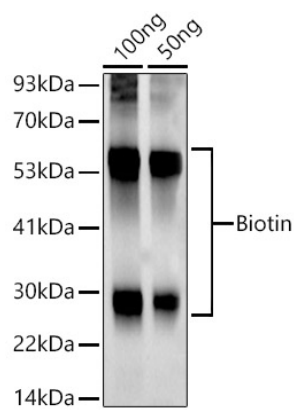
Affinity purification

#### Storage

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

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

Validation Data



Western blot analysis of various lysates, using Biotin Rabbit mAb (A20684) at 1:300 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.