

Biotin Rabbit mAb

Catalog NO.: A22315 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

Category

Other Modified Antibodies

Applications

WB, ELISA

Cross-Reactivity

Other (Wide Range Predicted)

Conjugation

Unconjugated

Clone number

ARC50706

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 1:1000 - 1:6000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID **Swiss Prot**

CAS:58-85-5

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

Contact

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

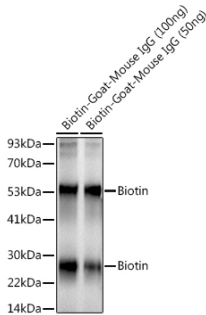
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using Biotin Rabbit mAb (A22315) at1:1000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at1:10000 dilution.
 Lysates/proteins: 100ng/50ng per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 5s.

