

β-Actin Rabbit mAb

Catalog No.: AC038 **Recombinant** **42 Publications**

Basic Information

Observed MW

45kDa

Calculated MW

41kDa

Category

Loading control antibody

Applications

WB

Cross-Reactivity

Human, Mouse, Rat, Chicken,
Zebrafish, Pig

CloneNo number

ARC5115-01

Recommended Dilutions

WB 1:10000 - 1:100000

Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. Put 5ul AC038 into 45 ul buffer(with 50% glycerol), diluted 1:5,000 for using. The diluted antibody can be stored at -20°C without aliquot.

Immunogen Information

Gene ID

60

Swiss Prot

P60709

Immunogen

Recombinant protein of human β-Actin

Synonyms

ACTB;BRWS1;PS1TP5BP1;beta actin;actin

Contact

 | www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

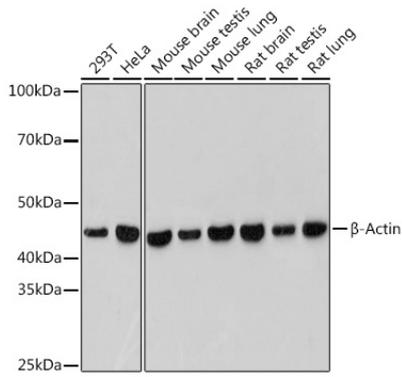
Affinity purification

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 extracts of various cell lines, using β -Actin antibody (AC038) at 1:50000 dilution.

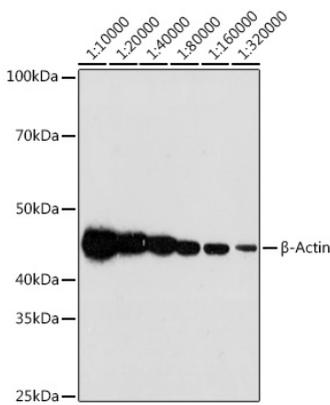
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Western blot analysis of extracts of HeLa cells, using β -Actin antibody (AC038) at 1:10000-1:320000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.