

AC026

Leader in Biomolecular Solutions for Life Science



β-Actin Rabbit mAb (High Dilution)

Catalog No.: AC026

Recombinant

1965 Publications

Basic Information

Observed MW

42kDa

Calculated MW

42kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat,Chicken,Zebrafish,
Pi
g

CloneNo number

ARC5115-01

Background

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins that are ubiquitously expressed. Mutations in this gene cause Baraitser-Winter syndrome 1, which is characterized by intellectual disability with a distinctive facial appearance in human patients. Numerous pseudogenes of this gene have been identified throughout the human genome. **Note** : Due to the high antibody titer, it is advisable to be diluted before use. Please dilute 5μL of the antibody solution with 45μL of PBS solution, containing 50% glycerol. The diluted antibody can be stored at -20°C.

Recommended Dilutions

WB 1:50000 - 1:200000

Immunogen Information

Gene ID

60

Swiss Prot

P60709

Immunogen

Recombinant protein of human β-actin

Synonyms

BRWS1; PS1TP5BP1; β-Actin

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

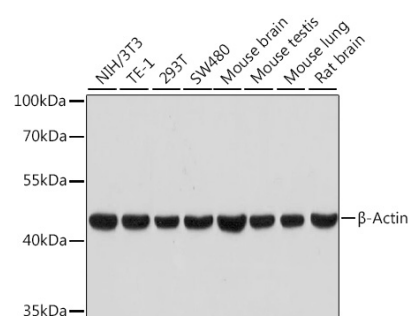
Affinity purification

Storage

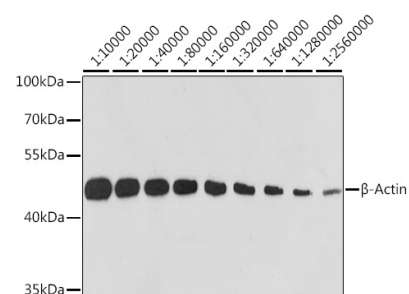
Store at -20°C. Avoid freeze / thaw cycles.

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

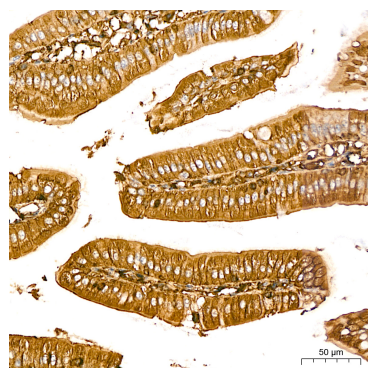
Validation Data



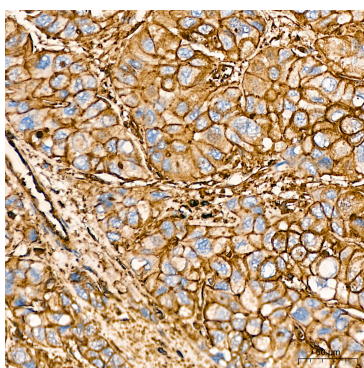
Western blot analysis of various lysates using β -Actin Rabbit mAb (High Dilution) (AC026) at 1:100000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 μ g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 30s.



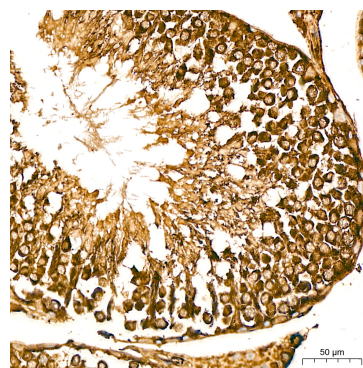
Western blot analysis of lysates from HeLa cells, using β -Actin Rabbit mAb (High Dilution) (AC026) at 1:10000-1:2560000 dilution.
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 μ g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using β -Actin Rabbit mAb (High Dilution) (AC026) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using β -Actin Rabbit mAb (High Dilution) (AC026) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using β -Actin Rabbit mAb (High Dilution) (AC026) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.