

AC026

Leader in Biomolecular Solutions for Life Science



## β-Actin Rabbit mAb (High Dilution)

Catalog No.: AC026

Recombinant

1908 Publications

### Basic Information

#### Observed MW

42kDa

#### Calculated MW

42kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IHC-P,ELISA

#### Cross-Reactivity

Human,Mouse,Rat,Chicken,Zebrafish,Pig

#### CloneNo number

ARC5115-01

### Recommended Dilutions

WB 1:50000 - 1:200000

### 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.

### Immunogen Information

#### Gene ID

60

#### Swiss Prot

P60709

#### Immunogen

Recombinant protein of human β-actin

#### Synonyms

BRWS1; PS1TP5BP1; β-Actin

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

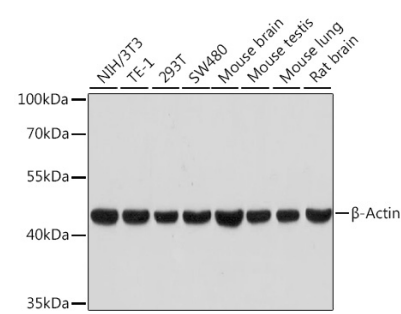
Affinity purification

#### Storage

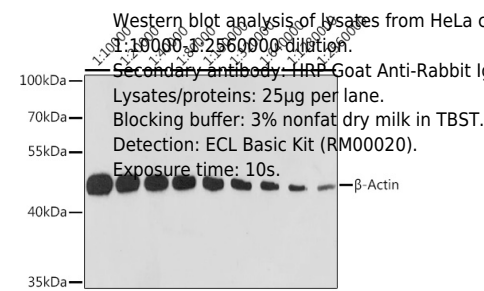
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



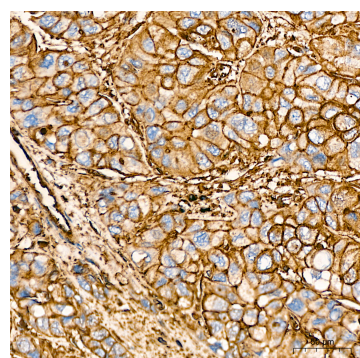
Western blot analysis of various lysates using  $\beta$ -Actin Rabbit mAb (High Dilution) (AC026) at 1:100000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: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



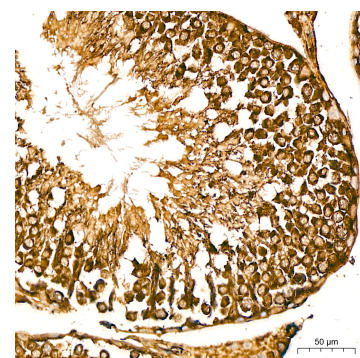
Western blot analysis of lysates from HeLa cells, using  $\beta$ -Actin Rabbit mAb (High Dilution) (AC026) at 1:100000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25 $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10s.



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



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



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