

AC006

Leader in Biomolecular Solutions for Life Science



## β-Actin Rabbit pAb

Catalog No.: AC006

170 Publications

### Basic Information

#### Observed MW

42kDa

#### Calculated MW

42kDa

#### Category

Polyclonal Antibody

#### Applications

WB

#### Cross-Reactivity

Human,Mouse,Rat

### 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.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

#### Gene ID

60

#### Swiss Prot

P60709

#### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

#### Synonyms

BRWS1; PS1TP5BP1; β-Actin

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

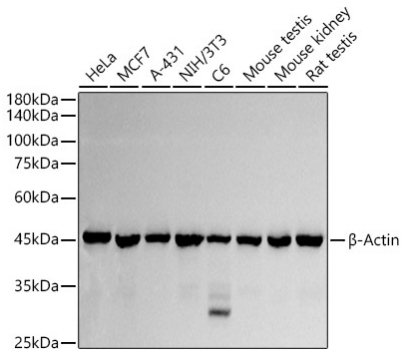
Affinity purification

#### Storage

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

Buffer: PBS containing 50% glycerol, 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  $\beta$ -Actin Rabbit pAb (AC006) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated 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: 1s.