

## ACTB Polyclonal Antibody

<b>Catalog No.</b>	AC006	<b>Category</b>	Loading control Antibodies
<b>Applications</b>	WB, IHC, IF	<b>Observed MW</b>	42kDa
<b>Cross-reactivity</b>	Human, Mouse, Rat	<b>Calculated MW</b>	41kDa

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-375 of human ACTB (NP_001092.1).
<b>Gene ID</b>	60
<b>Swiss prot</b>	P60709
<b>Synonyms</b>	ACTB; BRWS1; PS1TP5BP1; beta actin

### Product information

<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Background

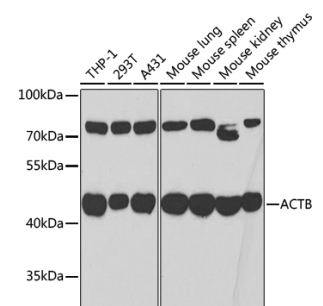
This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins.

### Recommended Dilutions

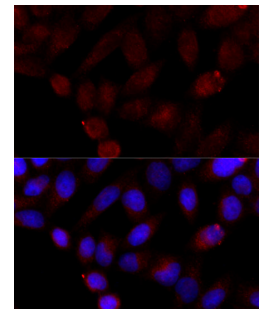
WB 1:500 -  
1:2000

IHC 1:50 -  
1:200

IF 1:50 -  
1:200



Western blot - ACTB Polyclonal Antibody (AC006)



Immunofluorescence - ACTB Polyclonal Antibody (AC006)