

## ACTB Monoclonal Antibody

<b>Catalog No.</b>	AC026	<b>Category</b>	Loading control Antibodies
<b>Applications</b>	WB, IHC, IF	<b>Observed MW</b>	43kDa
<b>Cross-reactivity</b>	Human, Mouse, Rat, Chicken, Zebrafish, Pig, Oryza sativa	<b>Calculated MW</b>	41kDa

### Immunogen Information

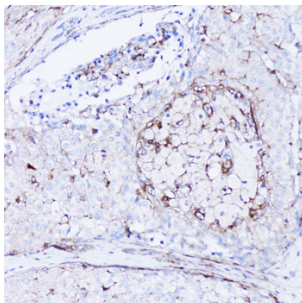
<b>Immunogen</b>	Recombinant protein of human $\beta$ -actin
<b>Gene ID</b>	60
<b>Swiss prot</b>	P60709
<b>Synonyms</b>	ACTB; BRWS1; PS1TP5BP1; beta actin

### Product information

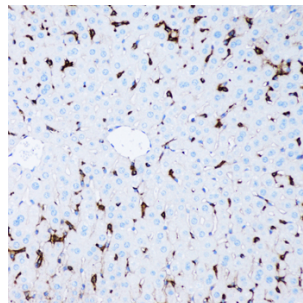
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### 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.



Immunohistochemistry - ACTB Monoclonal Antibody (AC026)



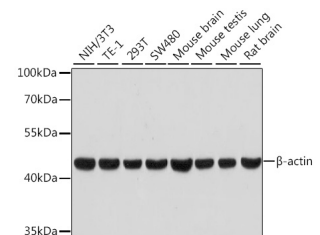
Immunohistochemistry - ACTB Monoclonal Antibody (AC026)

### Recommended Dilutions

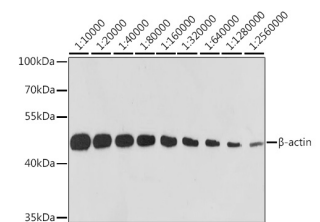
WB 1:50000 -  
1:200000

IHC 1:200 -  
1:2000

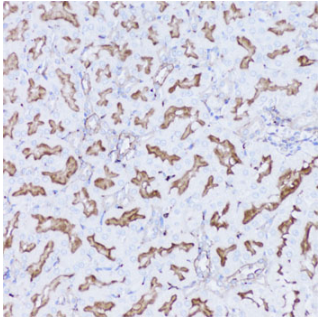
IF 1:200 -  
1:2000



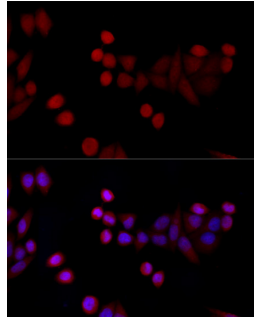
Western blot - ACTB Monoclonal Antibody (AC026)



Western blot - ACTB Monoclonal Antibody (AC026)



Immunohistochemistry - ACTB  
Monoclonal Antibody (AC026)



Immunofluorescence - ACTB Monoclonal  
Antibody (AC026)