Web: www.taiclone.com
Tel: +886-2-2735-9682
Email: order@taiclone.com

ACTB Monoclonal Antibody

Catalog No: tcba13639

Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul

Specifications

Application:
WB,IHC,IF

Research Area:
Epigenetics & Nuclear Signaling,Epigenetic Modifications,Epigenetic Modifications_Methylation,Epigenetics & Nuclear Signaling,Epigenetic Modifications,Epigenetic Modifications_Methylation,

Species Reactivity:
Human,Mouse,Rat

Host Species:
Mouse

Immunogen / Amino acids:
Fusion protein of human β-actin

Conjugation:
Unconjugated

Clonality:
Monoclonal

Isotype:
IgG

Storage Buffer:

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Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:
WB 1:10000 - 1:100000
IHC 1:100- 1:200
IF 1:50- 1:200

Storage Instruction:
Store at -20℃. Avoid freeze / thaw cycles.

SwissProt:
P60709

Gene ID:
60 (human);

Calculated Molecular Weight:
41kDa

Purification:
Affinity purification

Cellular Location:
Cytoplasm,cytoskeleton,

Product Description

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.

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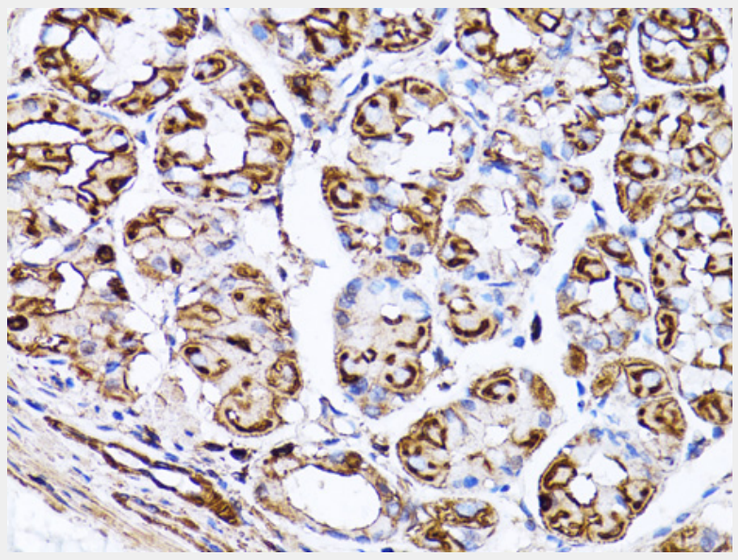
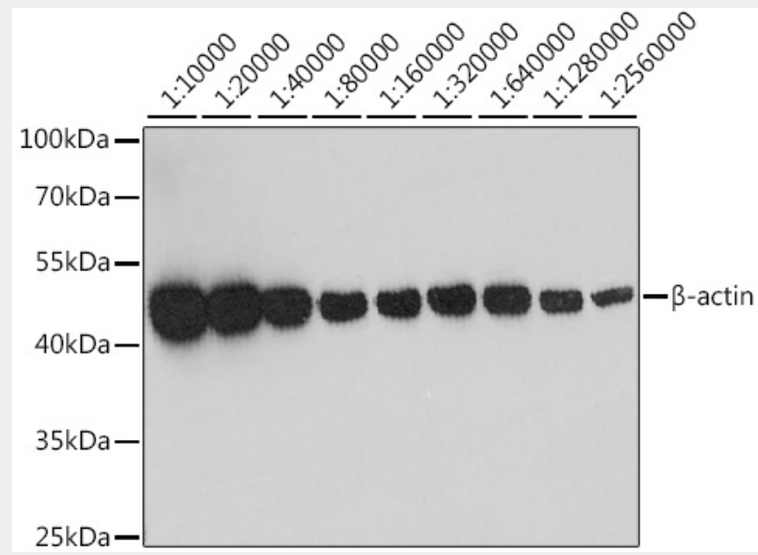
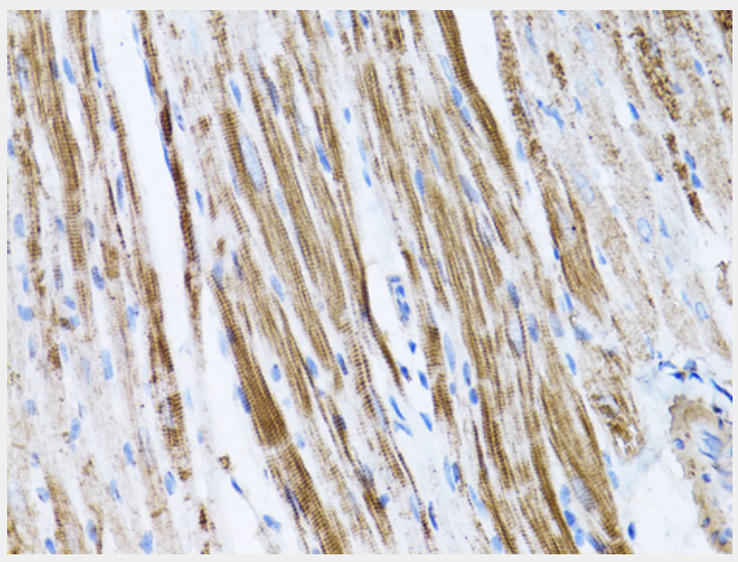


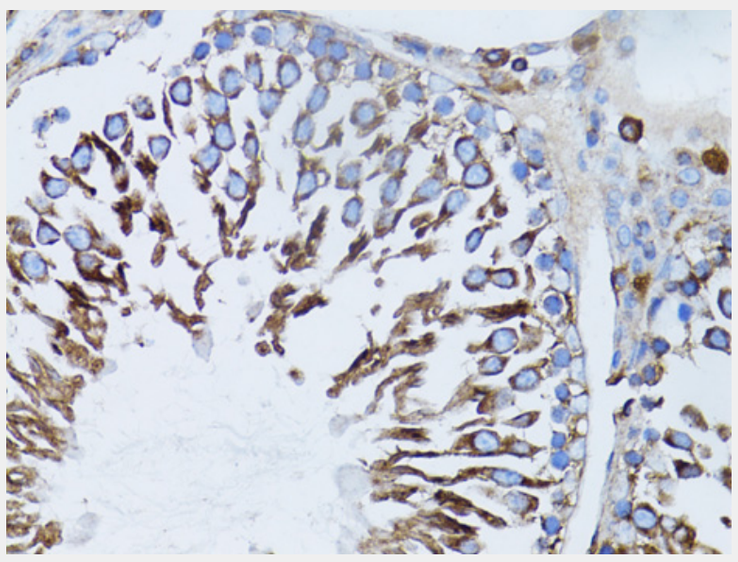
Western blot analysis of extracts of various cell lines, using β-actin antibody at 1:80000 dilution.
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit.
Exposure time: 1s.



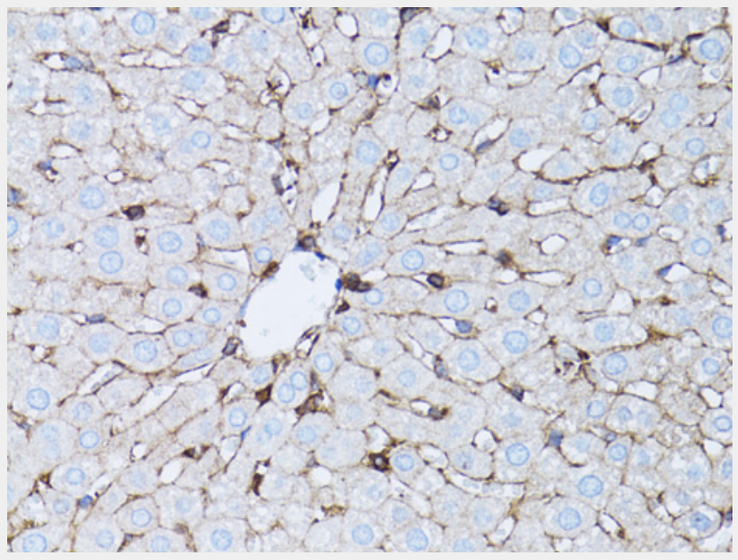
Immunohistochemistry of paraffin-embedded mouse heart using β-actin antibody at dilution of 1:500 (40x lens).



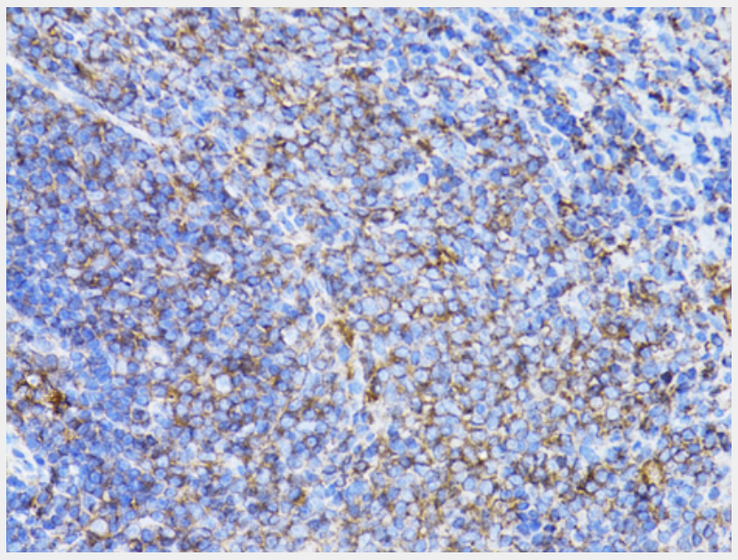
Western blot analysis of extracts of NIH/3T3 cells, using β-actin antibody at 1:10000-1:2560000 dilution.
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit.
Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat liver using β-actin antibody at dilution of 1:500 (40x lens).



Immunohistochemistry of paraffin-embedded rat testis using β-actin antibody at dilution of 1:500 (40x lens).



Immunohistochemistry of paraffin-embedded rat spleen using β-actin antibody at dilution of 1:500 (40x lens).

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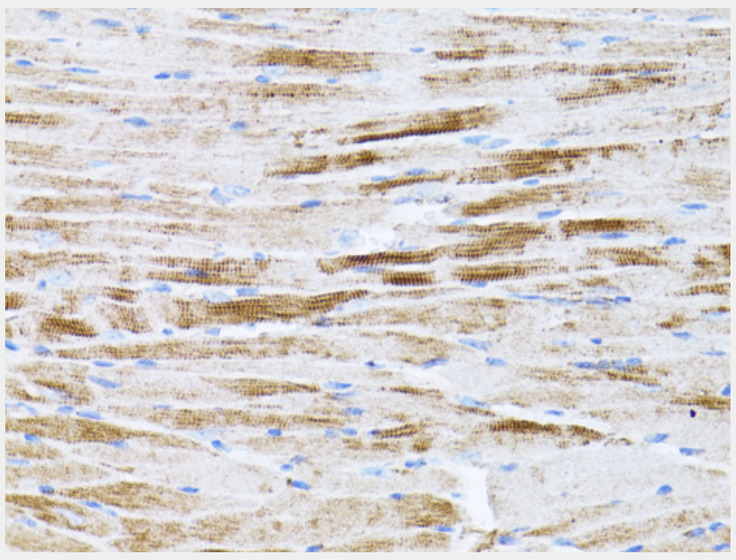
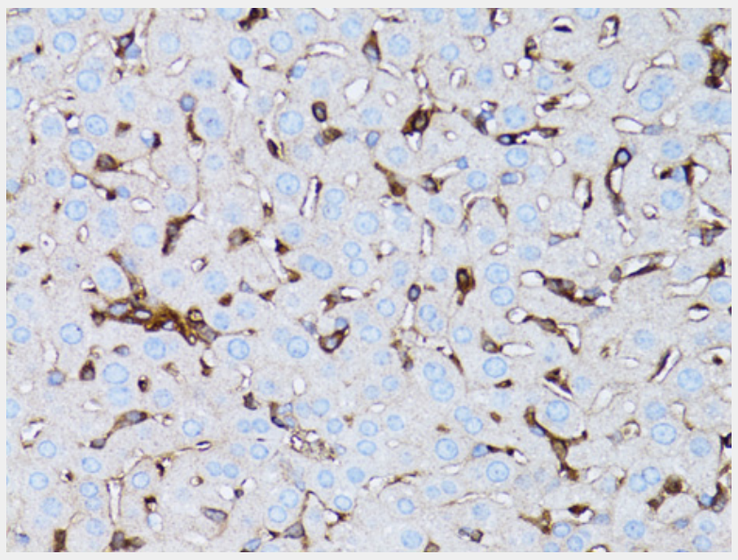
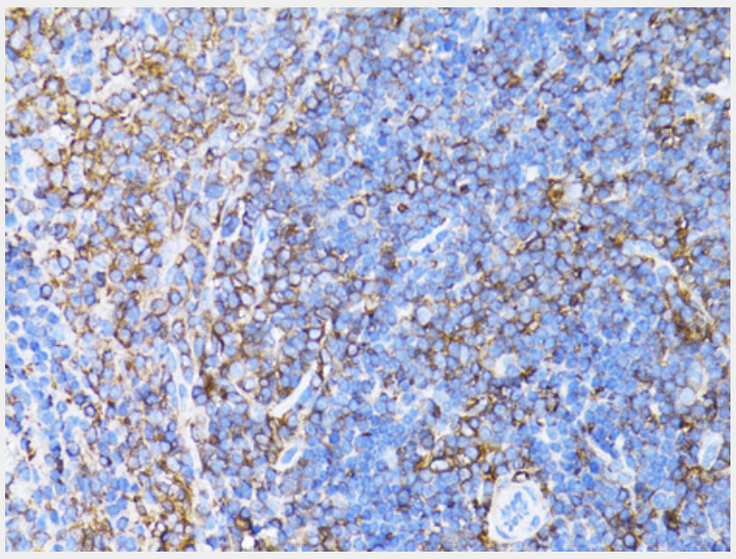


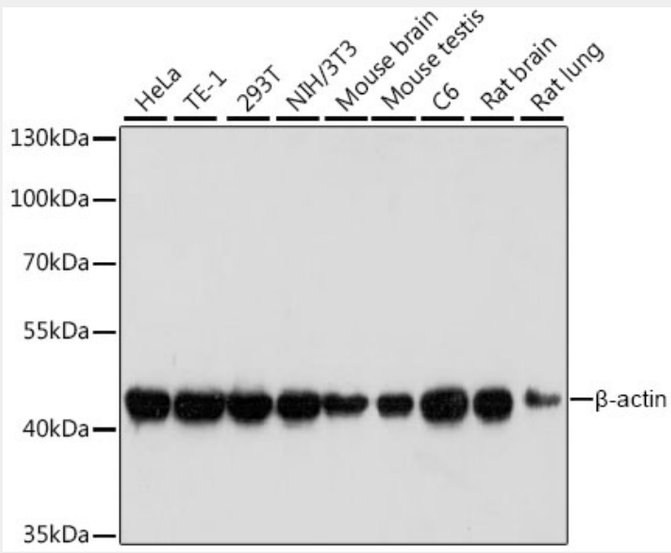
Immunohistochemistry of paraffin-embedded rat heart using β-actin antibody at dilution of 1:500 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using β-actin antibody at dilution of 1:500 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using β-actin antibody at dilution of 1:500 (40x lens).



Immunohistochemistry of paraffin-embedded mouse spleen using β-actin antibody at dilution of 1:500 (40x lens).

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