

ACTB Polyclonal Antibody

Catalog No: tcba13641



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:

Rabbit

Immunogen / Amino acids:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-375 of human ACTB (NP_001092.1).

Conjugation:

Unconjugated

Clonality:

Polyclonal

Isotype:

IgG

Storage Buffer:

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

Recommended Dilution:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

Storage Instruction:

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

Alternative Names:

BRWS1;PS1TP5BP1

SwissProt:

P60709

Gene ID:

60 (human);

Calculated Molecular Weight:

41kDa

Purification:

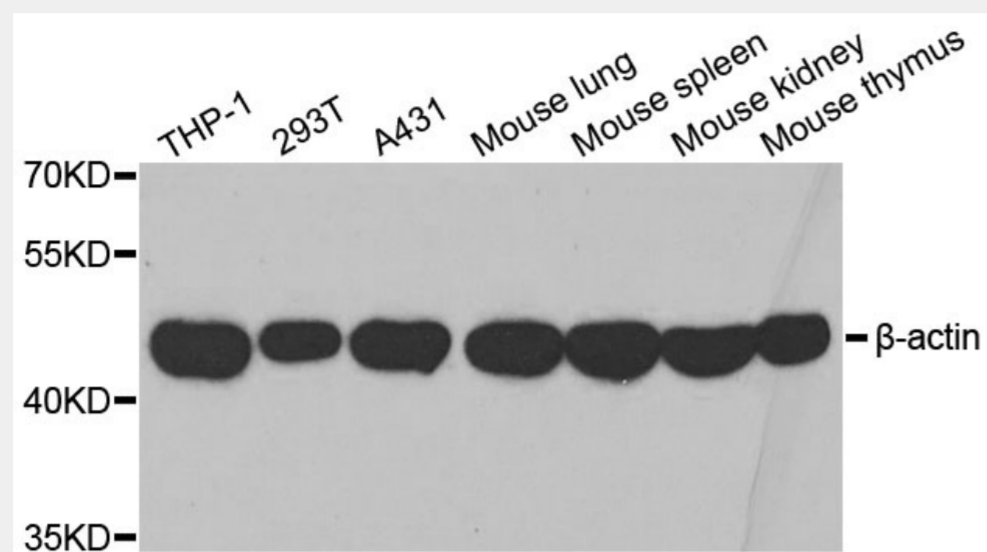
Affinity purification

Cellular Location:

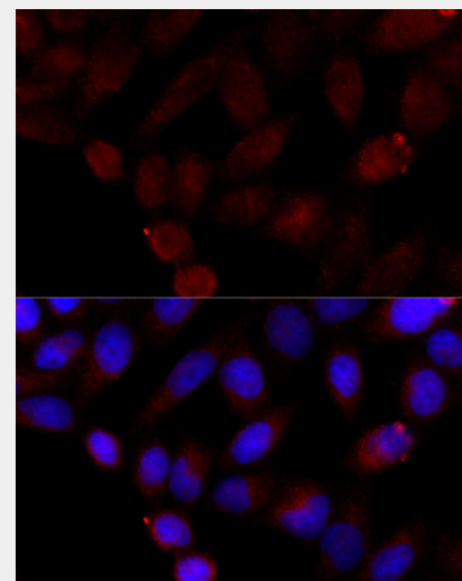
Cytoplasm,cytoskeleton,

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.



Western blot analysis of extracts of various cell lines, using β -actin antibody at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit 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: 90s.



Immunofluorescence analysis of HeLa cells using ACTB antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!