# beta Actin antibody

Catalog Number: 108478

**Product name**

beta Actin antibody

**Specificity**

Human,Mouse,Rat,Zebrafish, Monkey; other species not tested.

**Antibody description**

beta Actin Rabbit Polyclonal antibody. Positive WB detected in HeLa cells, A431 cells, A549 cells, C6 cells, HEK-293 cells, HepG2 cells, human testis tissue, Jurkat cells, MCF7 cells, mouse brain tissue, mouse lung tissue, mouse spleen tissue, mouse uterus tissue, NIH/3T3 cells, rat brain tissue, SGC-7901 cells, Sp2/0 cells. Positive IF detected in HepG2 cells. Positive IHC detected in human skeletal muscle tissue, human colon tissue, human heart tissue, human kidney tissue. Observed molecular weight by Western-blot: 42 kDa

**Preparation**

This antibody was obtained by immunization of beta Actin recombinant protein (Accession Number: NM_001101). Purification method: Antigen affinity purified.

**Formulation**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

**Storage**

Store at -20℃. DO NOT ALIQUOT

**Clonality**

Polyclonal

**Ig Type**

Rabbit IgG

**Applications**

ELISA, IF, WB, IHC

**Dilutions**

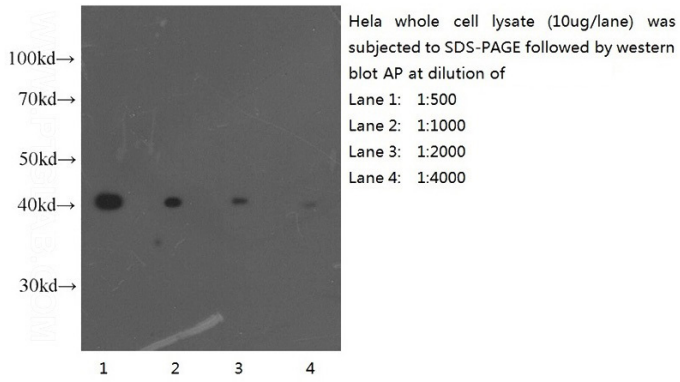
Recommended Dilution:

WB: 1:1000-1:10000

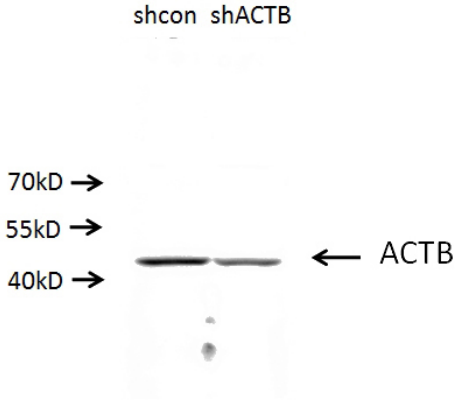
IHC: 1:20-1:200

IF: 1:10-1:100

**Validations**




Western blot of Hela cell with anti-Actin-Beta (Catalog No:117305) at various dilutions.




A549 cells (shcontrol and shRNA of Beta actin) were subjected to SDS PAGE followed by western blot with Catalog No:117305(ACTB antibody) at dilution of 1:500. (Data provided by Angran Biotech (www.miRNAlab.com)).

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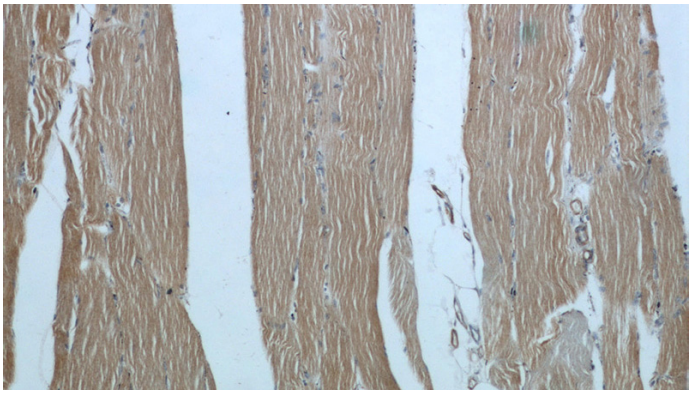
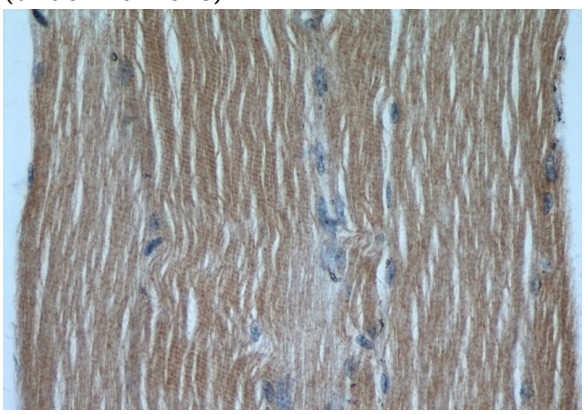
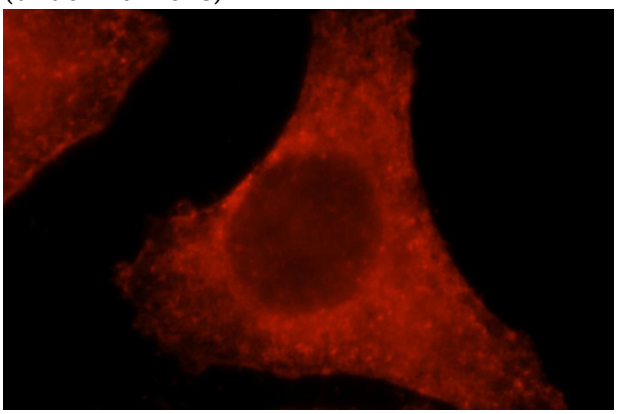


Immunohistochemical of paraffin-embedded human skeletal muscle using Catalog No:117305(ACTB antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human skeletal muscle using Catalog No:117305(ACTB antibody) at dilution of 1:100 (under 40x lens)



Immunofluorescent analysis of HepG2 cells, using ACTB antibody Catalog No:117305 at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).