

ACTN4 antibody



Catalog Number: 107712

Product name

ACTN4 antibody

Specificity

Human, Mouse, Rat; other species not tested.

Antibody description

ACTN4 Rabbit Polyclonal antibody. Positive FC detected in HeLa cells. Positive IHC detected in human breast cancer tissue, human lung cancer tissue. Positive IF detected in MCF-7 cells, HeLa cells. Positive WB detected in HepG2 cells, HeLa cells, HT-1080 cells, MCF7 cells, mouse liver tissue, mouse skeletal muscle tissue, NIH/3T3 cells, rat skeletal muscle tissue. Positive IP detected in HeLa cells. Observed molecular weight by Western-blot: 100-105 kDa

Preparation

This antibody was obtained by immunization of ACTN4 recombinant protein (Accession Number: NM_004924). Purification method: Antigen affinity purified.

Formulation

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

Storage

Store at -20°C. DO NOT ALIQUOT

Clonality

Polyclonal

Ig Type

Rabbit IgG

Applications

ELISA, WB, IHC, IF, IP, FC

Dilutions

Recommended Dilution:

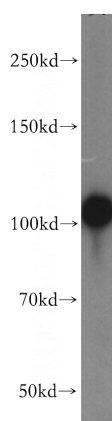
WB: 1:500-1:5000

IP: 1:500-1:5000

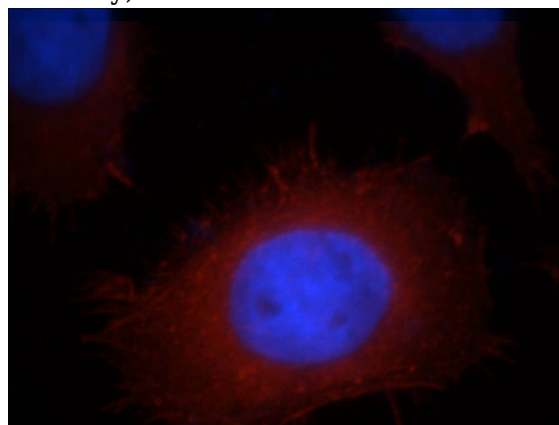
IHC: 1:20-1:200

IF: 1:10-1:100

Validations



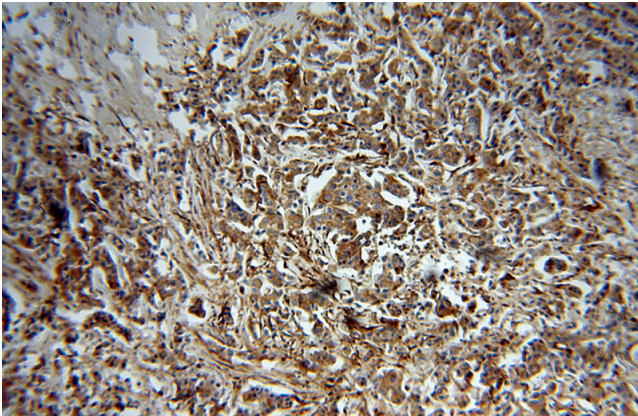
HepG2 cells were subjected to SDS PAGE followed by western blot with Catalog No:107712(ACTN4 antibody) at dilution of 1:500



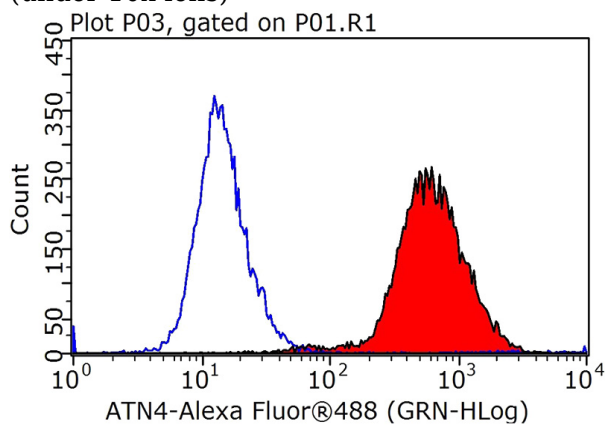
Immunofluorescent analysis of MCF-7 cells, using ACTN4 antibody Catalog No:107712 at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).

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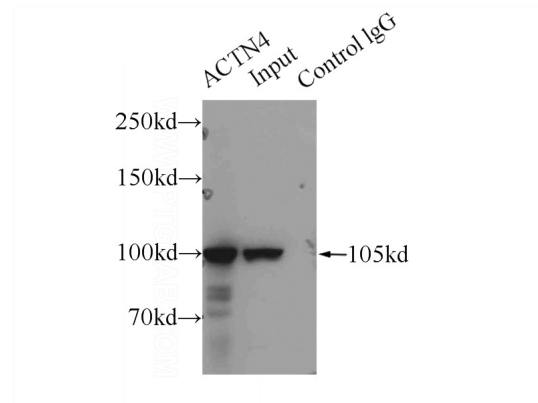


Immunohistochemical of paraffin-embedded human breast cancer using Catalog No:107712(ACTN4 antibody) at dilution of 1:100 (under 10x lens)

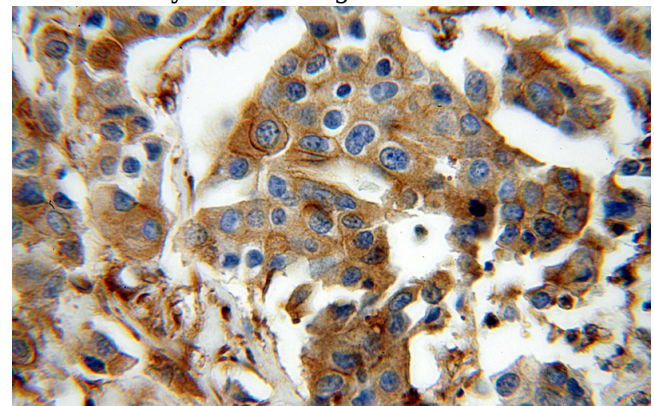


1X10⁶ HeLa cells were stained with 0.2ug ACTN4 antibody (Catalog No:107712, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-

conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.



IP Result of anti-ACTN4 (IP:Catalog No:107712, 5ug; Detection:Catalog No:107712 1:1000) with HeLa cells lysate 3000ug.



Immunohistochemical of paraffin-embedded human breast cancer using Catalog No:107712(ACTN4 antibody) at dilution of 1:100 (under 40x lens)