# antibodies .- online.com







# anti-ACTN1 antibody (AA 1-204)

**Images** 



#### Overview

Quantity:	100 μL
Target:	ACTN1
Binding Specificity:	AA 1-204
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACTN1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

## **Product Details**

Immunogen:	Recombinant Human Alpha-actinin-1 protein (1-204AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

# Target Details

Target:	ACTN1
Alternative Name:	ACTN1 (ACTN1 Products)
Background:	Background: F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein.

#### **Target Details**

Aliases: actinin 1 smooth muscle antibody, Actinin alpha 1 antibody, actinin, alpha 1 antibody, ACTN 1 antibody, Actn1 antibody, ACTN1\_HUMAN antibody, Alpha Actinin 1 antibody, Alpha actinin cytoskeletal isoform antibody, Alpha-actinin cytoskeletal isoform antibody, Alpha-actinin-1 antibody, BDPLT15 antibody, F actin cross linking protein antibody, F-actin cross-linking protein antibody, FLJ40884 antibody, FLJ54432 antibody, Non muscle alpha actinin 1 antibody, Non-muscle alpha-actinin-1 antibody

UniProt: P12814

Pathways: Cell-Cell Junction Organization

### **Application Details**

Application Notes: Recommended dilution: WB:1:1000-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

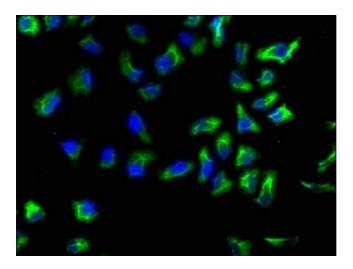
#### Handling

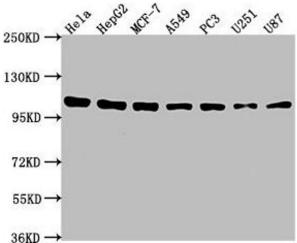
Storage:

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

-20 °C,-80 °C





#### **Immunofluorescence**

**Image 1.** Immunofluorescence staining of Hela cells with ABIN7143811 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

#### **Western Blotting**

Image 2. Western Blot Positive WB detected in: Hela whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate, A549 whole cell lysate, PC3 whole cell lysate, U251 whole cell lysate, U87 whole cell lysate All lanes: ACTN1 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 104, 103, 106, 108 kDa Observed band size: 104 kDa