

Rabbit anti-Human ACTN1 Polyclonal Antibody | anti-ACTN1 antibody

ACTN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235271	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

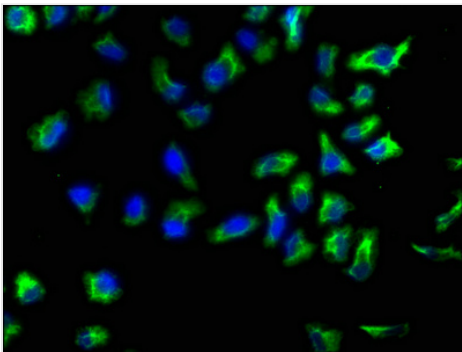
PRODUCT SYNONYMS

ACTN1; Polyclonal Antibody; ACTN1 Antibody; Alpha-actinin-1; Alpha-actinin cytoskeletal isoform; F-actin cross-linking protein; Non-muscle alpha-actinin-1; anti-ACTN1 antibody

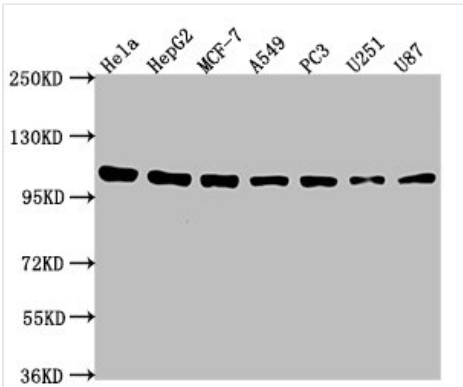
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95% Protein G Purified
Form/Format	Liquid
Sequence Length	892
Applicable Applications for anti-ACTN1 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Alpha-actinin-1 protein (1-204AA)
Conjugate	Non-Conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of HeLa cells with CSB-PA001241LA01HU 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)
Western BlotPositive 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 lysateAll lanes: ACTN1 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 104, 103, 106, 108 kDaObserved band size: 104 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-ACTN1 antibody	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501891
NCBI GeneID	87
NCBI Accession #	NP_001093.1
NCBI GenBank Nucleotide #	NM_001102.3
UniProt Accession #	P12814; Q1HE25; Q9BTN1; B3V8S3; B4DHH3; B7TY16
Molecular Weight	102,709 Da
NCBI Official Full Name	alpha-actinin-1 isoform b
NCBI Official Synonym Full Names	actinin alpha 1
NCBI Official Symbol	ACTN1
NCBI Official Synonym Symbols	BDPLT15
NCBI Protein Information	alpha-actinin-1
UniProt Protein Name	Alpha-actinin-1
UniProt Gene Name	ACTN1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.