

Rabbit ACTN1 Polyclonal Antibody | anti-ACTN1 antibody

ACTN1 Polyclonal Antibody

CATALOG # AAA174085	HOST Rabbit	REACTIVITY Human, Mouse, Monkey	APPLICATIONS Immunohistochemistry, Western Blot
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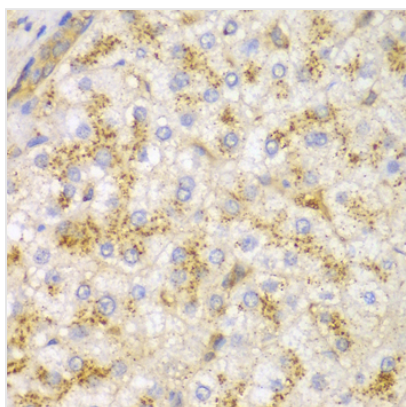
PRODUCT SYNONYMS

ACTN1; Polyclonal Antibody; ACTN1 Polyclonal Antibody; actinin 1 smooth muscle; Actinin alpha 1; actinin; alpha 1; ACTN 1; Actn1; Alpha Actinin 1; Alpha actinin cytoskeletal isoform; Alpha-actinin cytoskeletal isoform; Alpha-actinin-1; BDPLT15; F actin cross linking protein; F-actin cross-linking protein; FLJ40884; FLJ54432; Non muscle alpha actinin 1; Non-muscle alpha-actinin-1; anti-ACTN1 antibody

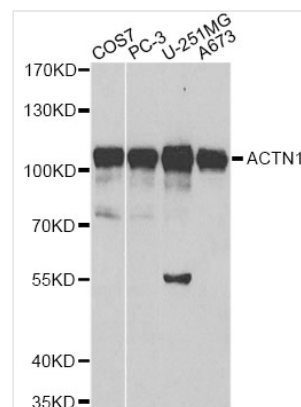
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	887
Applicable Applications for anti-ACTN1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human ACTN1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using ACTN1 antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ACTN1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTN1 antibody	Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a nonmuscle, cytoskeletal, alpha actinin isoform and maps to the same site as the structurally similar erythroid beta spectrin gene. Three transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ACTN1 antibody	Cancer; Developmental Biology; Signal Transduction; Stem Cells

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	Calculated: 102kDa; 103kDa; 105kDa; 107kDa Observed: 110kDa
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/actn1-antibody-immunohistochemistry-western-blot-elisa/174085>