

Rabbit ACTN1 Polyclonal Antibody | anti-ACTN1 antibody

ACTN1 Polyclonal Antibody

CATALOG # AAA168773	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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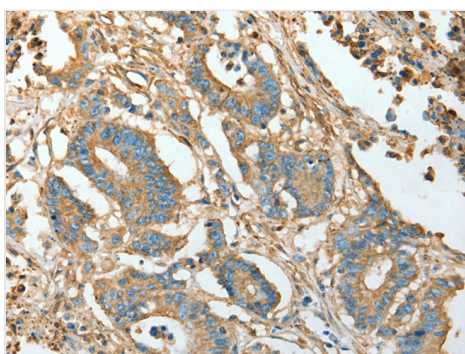
PRODUCT SYNONYMS

ACTN1; Polyclonal Antibody; ACTN1 Polyclonal Antibody; anti-ACTN1 antibody

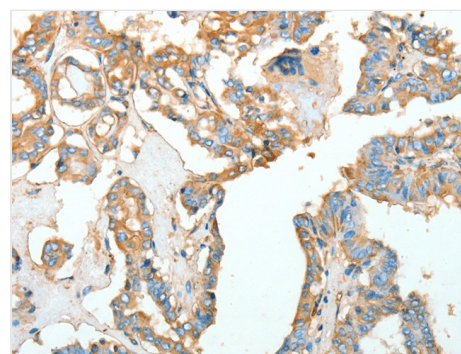
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.4mg/mL (varies by lot)
Sequence Length	914
Applicable Applications for anti-ACTN1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human ACTN1
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using ACTN1 Polyclonal Antibody at dilution 1:10



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ACTN1 Polyclonal Antibody at dilution 1:10

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	Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	194097350
NCBI GeneID	87
NCBI Accession #	NP_001123476.1
NCBI GenBank Nucleotide #	NM_001130004.1
Molecular Weight	107,141 Da
NCBI Official Full Name	alpha-actinin-1 isoform a
NCBI Official Synonym Full Names	actinin, alpha 1
NCBI Official Symbol	ACTN1
NCBI Official Synonym Symbols	BDPLT15
NCBI Protein Information	alpha-actinin-1; F-actin cross-linking protein; actinin 1 smooth muscle; alpha-actinin cytoskeletal isoform; non-muscle alpha-actinin-1
UniProt Protein Name	Alpha-actinin-1
UniProt Gene Name	ACTN1
UniProt Entry Name	ACTN1_HUMAN

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://stage.aaabiotech.com/polyclonal/actn1-antibody-immunohistochemistry-elisa/168773>