

Rabbit ACTN2 Polyclonal Antibody | anti-ACTN2 antibody

ACTN2 Polyclonal Antibody

CATALOG # AAA166569	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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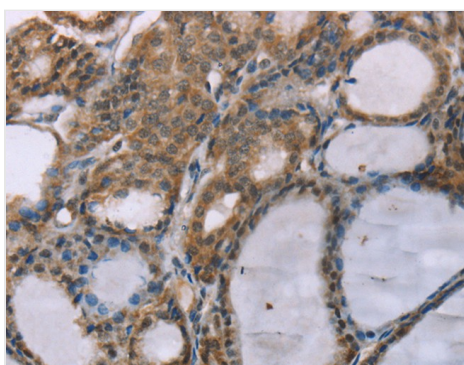
PRODUCT SYNONYMS

ACTN2; Polyclonal Antibody; ACTN2 Polyclonal Antibody; CMD1AA; anti-ACTN2 antibody

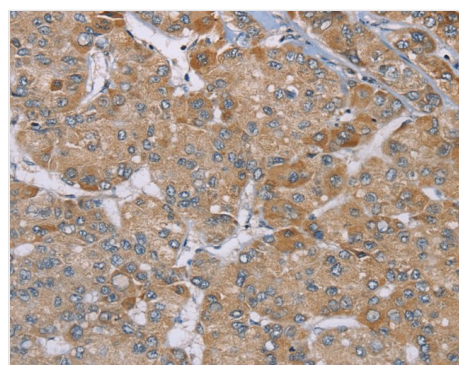
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.8mg/mL (varies by lot)
Sequence Length	686
Applicable Applications for anti-ACTN2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human ACTN2
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.

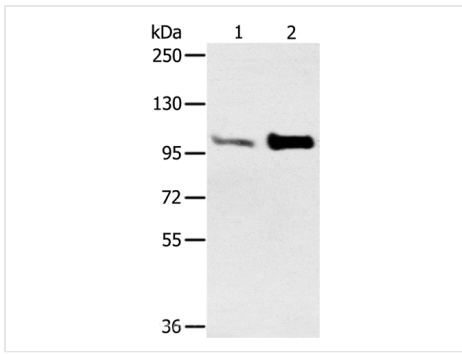
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using ACTN2 Polyclonal Antibody at dilution of 1:30


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using ACTN2 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of Mouse muscle and heart tissue using ACTN2 Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-ACTN2 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	507588250
NCBI GeneID	88
NCBI Accession #	NP_001265273.1
NCBI GenBank Nucleotide #	NM_001278344.1
Molecular Weight	103,920 Da
NCBI Official Full Name	alpha-actinin-2 isoform 3
NCBI Official Synonym Full Names	actinin, alpha 2
NCBI Official Symbol	ACTN2
NCBI Official Synonym Symbols	CMD1AA
NCBI Protein Information	alpha-actinin-2; F-actin cross-linking protein; alpha-actinin skeletal muscle
UniProt Protein Name	Alpha-actinin-2
UniProt Gene Name	ACTN2
UniProt Entry Name	ACTN2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/actn2-antibody-immunohistochemistry-western-blot-elisa/166569>