

Rabbit ACTN1/2/3/4 Polyclonal Antibody | anti-ACTN1 antibody

Anti-ACTN1/2/3/4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259877	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Zebrafish	Immunoprecipitation, Immunohistochemistry, Western Blot

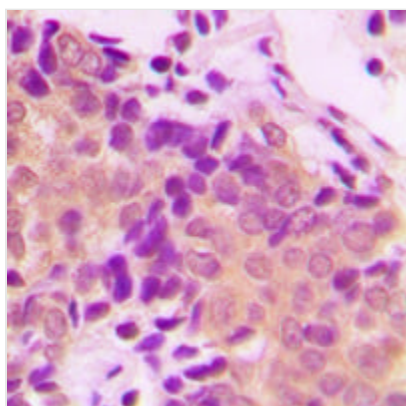
PRODUCT SYNONYMS

ACTN1/2/3/4; Polyclonal Antibody; Anti-ACTN1/2/3/4 Antibody; ACTN1; Alpha-actinin-1; Alpha-actinin cytoskeletal isoform; F-actin cross-linking protein; Non-muscle alpha-actinin-1; ACTN2; Alpha-actinin-2; Alpha-actinin skeletal muscle isoform 2; ACTN3; Alpha-actinin-3; Alpha-actinin skeletal muscle isoform 3; ACTN4; Alpha-actinin-4; Non-muscle alpha-actinin 4; anti-ACTN1 antibody

PRODUCT SPECIFICATIONS

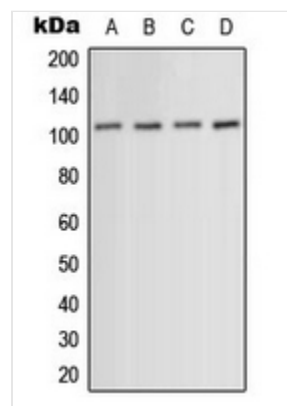
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ACTN1/2/3/4 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	930
Applicable Applications for anti-ACTN1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ACTN1/2/3/4. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of ACTN1/2/3/4 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of ACTN1/2/3/4 expression in HeLa (A), HuvEc (B), mouse muscle (C), PC12 (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTN1 antibody	Rabbit polyclonal antibody to ACTN1/2/3/4
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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	107,141 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
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/actn1-2-3-4-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/259877>