

Rabbit anti-Human, Mouse Actinin Alpha 2 (ACTN2) Polyclonal Antibody | anti-ACTN2 antibody

Polyclonal Antibody to Actinin Alpha 2 (ACTN2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA131589	Rabbit	Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Actinin Alpha 2 (ACTN2); Polyclonal Antibody; Polyclonal Antibody to Actinin Alpha 2 (ACTN2); anti-ACTN2 antibody

PRODUCT SPECIFICATIONS

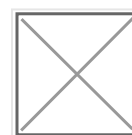
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against ACTN2. It has been selected for its ability to recognize ACTN2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	0.48mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a His-tag and its sequence is listed below. M GHHHHHSGS EF-MNQIEPG VQYNYVYDED EYMIQEEWD RLLLDPAWE KQQRKTFTAW CNSHLRKAGT QIENIEEDFR NGLKLMLLE VISGERLPKP DRGKMRFHKI ANVNKALDYI ASKGVKLVSIGAEIVDGNV KMTLGMIWTI ILRFAIQDIS VEETSAKEGL LLWCQRKTAP YRNVNIQNFH TSWKDGLGLC ALIHRHRPDL IDYSLNKDD PIGNINLAME IAEKHLDPK MLDAEDIVNT PKPDERAIMT YVSCFYH
Sequence Length	894
Applicable Applications for anti-ACTN2 antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant ACTN2 (Met1~His254) expressed in E.coli.
Cross Reactivity	Human, Mouse
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HeLa cell lysate;; Lane 2: ACTN2 knockout HeLa cell lysate;; Predicted MW: 104kDa ; Observed MW: 104kDa; Primary Ab: 1ug/ml Rabbit Anti-Mouse ACTN2 Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;



IHC (Immunohistochemistry)

DAB staining on formalin fixed paraffin-embedded heart tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.

ADDITIONAL INFORMATION

Product Categories/Family for anti-
ACTN2 antibody

Knock-Out Validation Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	157951643
NCBI GeneID	11472
NCBI Accession #	NP_150371.4
NCBI GenBank Nucleotide #	NM_033268.4
UniProt Accession #	Q9JI91; G3UW84
Molecular Weight	103,834 Da
NCBI Official Full Name	alpha-actinin-2
NCBI Official Synonym Full Names	actinin alpha 2
NCBI Official Symbol	Actn2
NCBI Official Synonym Symbols	1110008F24Rik
NCBI Protein Information	alpha-actinin-2
UniProt Protein Name	Alpha-actinin-2
UniProt Gene Name	Actn2

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/actinin-alpha-2-actn2-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/131589>