

Rabbit anti-Human actinin alpha 1/ACTN1 Polyclonal Antibody | anti-ACTN1 antibody

Anti-actinin alpha 1/ACTN1 Antibody, Rabbit Polyclonal

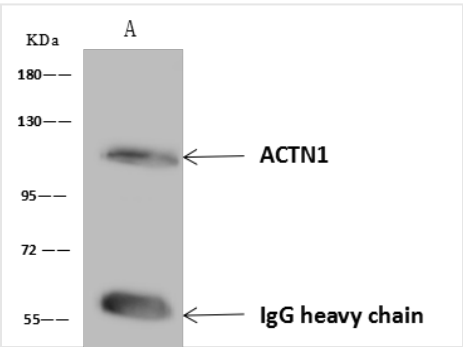
CATALOG # AAA257662	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

actinin alpha 1/ACTN1; Polyclonal Antibody; Anti-actinin alpha 1/ACTN1 Antibody; Rabbit Polyclonal; actinin alpha 1/ACTN1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-BDPLT15 Antibody; actinin; alpha 1; anti-ACTN1 antibody

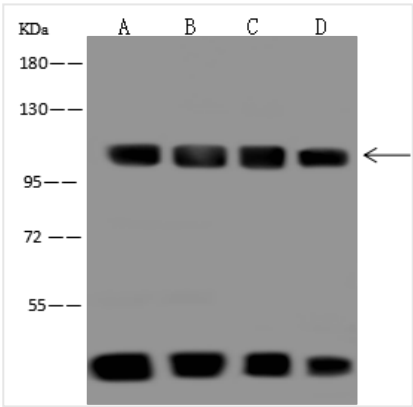
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human actinin alpha 1/ACTN1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ACTN1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human actinin alpha 1/ACTN1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human actinin alpha 1/ACTN1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.



IP (Immunoprecipitation)

ACTN1 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate, 4 μ L anti-ACTN1 rabbit polyclonal antibody and 60 μ g of Immnomagnetic beads Protein A/G. Primary antibody: Anti-ACTN1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 103 kDa. Observed band size: 103 kDa.



WB (Western Blot)

Anti-actinin alpha 1/ACTN1 rabbit polyclonal antibody at 1:500 dilution. Lane A: HepG2 Whole Cell Lysate. Lane B: HeLa Whole Cell Lysate. Lane C: COS-7 Whole Cell Lysate. Lane D: Jurkat Whole Cell Lysate. Lysates/proteins at 30 μ g per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 103 kDa. Observed band size: 103 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ACTN1 antibody	Background: Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. ACTN1-related macrothrombocytopenia. Mutations in the gene ACTN1 cause mild macrothrombocytopenia characterized by elevated mean platelet volume and elevated immature platelet fraction, and low bleeding tendency. Its transmission is autosomal dominant. Molecular test is made by sequencing the ACTN1 gene. ACTN1 was also found to act as an effector for the isoform EFA6B (also known as PSD4) in the human mammary tumoral MCF7 cell line. EFA6B restored the glandular morphology of this tumoral cell line in an ACTN1-dependent manner. Thus, we identified new regulators of cyst luminogenesis essential for the proper maturation of a newly-formed lumen into a single central lumen.
Product Categories/Family for anti-ACTN1 antibody	T Cell Receptor Signaling Pathway

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.