

Rabbit anti-Human ADD1/adducin 1 Polyclonal Antibody | anti-ADD1 antibody

Anti-ADD1/adducin 1 Antibody, Rabbit Polyclonal

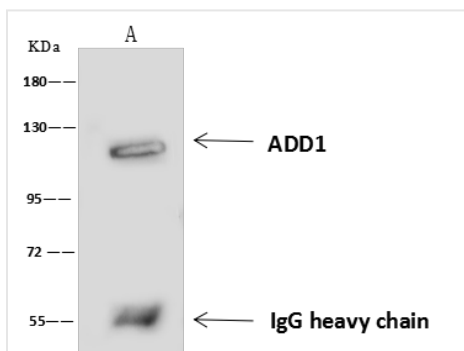
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256215	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

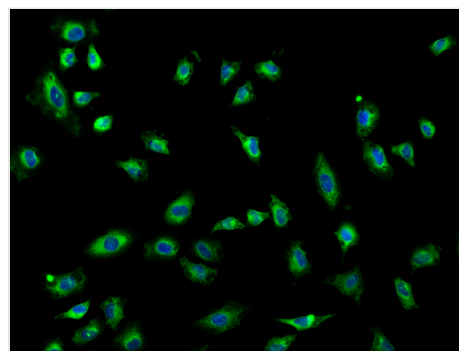
ADD1/adducin 1; Polyclonal Antibody; Anti-ADD1/adducin 1 Antibody; Rabbit Polyclonal; ADD1/adducin 1 Antibody; Rabbit PAb; Antigen Affinity Purified; adducin 1 (alpha); Anti-ADDA Antibody; Anti-RP11-520M5.1 Antibody; anti-ADD1 antibody

PRODUCT SPECIFICATIONS

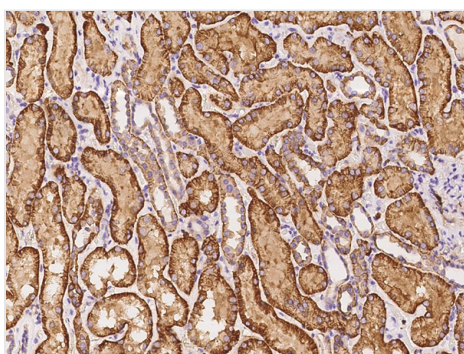
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ADD1/adducin 1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ADD1 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human ADD1/adducin 1 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human ADD1/adducin 1 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.

**IP (Immunoprecipitation)**

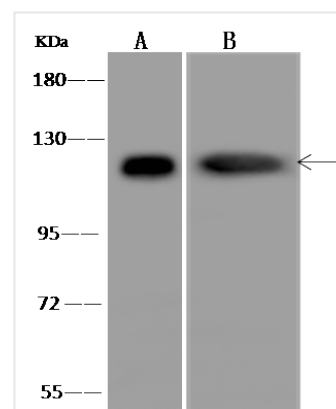
ADD1 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 μ L anti-ADD1 rabbit polyclonal antibody and 60 μ g of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ADD1 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 120 kDa. Observed band size: 120 kDa.

**IF (Immunofluorescence)**

Immunofluorescence staining of ADD1 in HeLa cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-Human ADD1 polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm and cell membrane.

**IHC (Immunohistochemistry)**

Immunochemical staining of human ADD1 in human kidney with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.

**WB (Western Blot)**

Anti-ADD1 rabbit polyclonal antibody at 1:500 dilution. Lane A: HeLa Whole Cell Lysate; Lane B: HEK293 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: 81 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ADD1 antibody

The alpha-adducin (ADD1) is a subunit of adducin which is a cytoskeleton heterodimeric protein. Adducin participates in oocytes chromosome meiosis of mice, prompting adducin has an effect on embryonic development. Adipocyte determination-and differentiation-dependent factor 1 (ADD1) plays important roles in lipid metabolism and insulin-dependent gene expression. Because insulin stimulates carbohydrate and lipid synthesis, it would be important to decipher how the transcriptional activity of ADD1/SREBP1c is regulated in the insulin signaling pathway. Adipocyte determination and differentiation dependent factor 1 (ADD1)/sterol regulatory element binding protein isoform (SREBP1c) is a key transcription factor in fatty acid metabolism and insulin-dependent gene expression. Adipocyte determination and differentiation-dependent factor 1 (ADD1) is a member of the basic helix-loop-helix leucine zipper (bHLH-LZ) family of transcription factors that binds to two distinct DNA sequences and has been associated with both adipocyte development and cholesterol homeostasis (where it has been termed SREBP1).

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/add1-adducin-1-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/256215>