

Rabbit anti-Human Alpha-Adducin Polyclonal Antibody | anti-ADD1 antibody

Rabbit anti-Alpha-Adducin Antibody, Affinity Purified

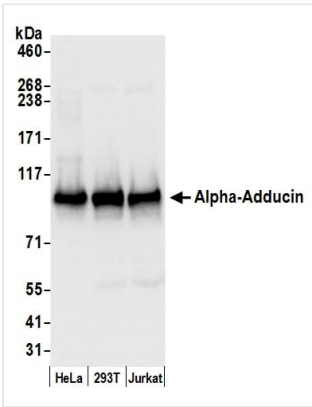
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212270	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Alpha-Adducin; Polyclonal Antibody; Rabbit anti-Alpha-Adducin Antibody; Affinity Purified; ADDA; Erythrocyte adducin subunit alpha; erythrocyte adducin alpha subunit; adducin 1 (alpha); alpha-adducin; Alpha-adducin; adducin 1; anti-ADD1 antibody

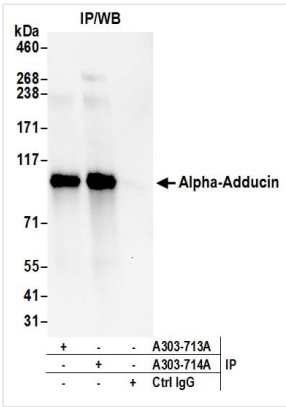
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ADD1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 650 and 700
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



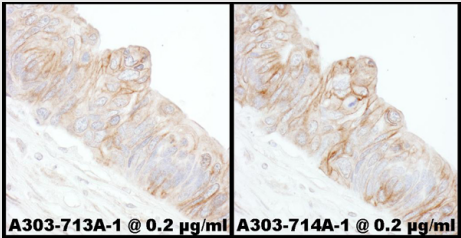
WB (Western Blot)

Detection of human Alpha-Adducin by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Alpha-Adducin antibody AAA212270 (lot AAA212270-1) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



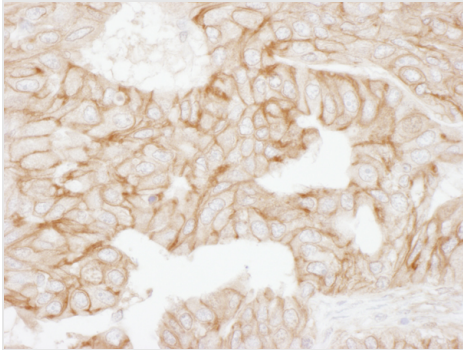
IP (Immunoprecipitation)

Detection of human Alpha-Adducin by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Alpha-Adducin antibody AAA212270 (lot AAA212270-1) used for IP at 6 ug per reaction. Alpha-Adducin was also immunoprecipitated by rabbit anti-Alpha-Adducin antibody For blotting immunoprecipitated Alpha-Adducin, AAA212270 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human Alpha-Adducin by immunohistochemistry. Samples: FFPE sections of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Alpha-Adducin Cat. No. AAA212270 Lot1 used at a dilution of 1:5,000 (0.2ug/ml) (right) and Cat. No. Lot1 used at a dilution of 1:5,000 (0.2ug/ml) (left). Detection: DAB



IHC (Immunohistochemistry)

Detection of human Alpha-Adducin by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-Alpha-Adducin (Cat. No. AAA212270 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-ADD1 antibody	Alpha-adducin is a member of the adducin family of cytoskeleton proteins encoded by three genes (alpha, beta, gamma). Adducin is a heterodimeric protein that consists of related subunits, which are produced from distinct genes but share a similar structure. Alpha- and beta-adducin include a protease-resistant N-terminal region and a protease-sensitive, hydrophilic C-terminal region. Alpha- and gamma-adducins are ubiquitously expressed. In contrast, beta-adducin is expressed at high levels in brain and hematopoietic tissues. Adducin binds with high affinity to Ca(2+)/calmodulin and is a substrate for protein kinases A and C [taken from NCBI Entrez Gene (Gene ID: 118)].
Product Categories/Family for anti-ADD1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	118
UniProt Accession #	P35611
UniProt Protein Name	Alpha-adducin
UniProt Gene Name	ADD1

UniProt Synonym Gene Names	ADDA
UniProt Entry Name	ADDA_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/alpha-adducin-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212270>