

Rabbit anti-Human Alpha-adaptin Polyclonal Antibody | anti-AP2A1 antibody

Rabbit anti-Alpha-adaptin Antibody, Affinity Purified

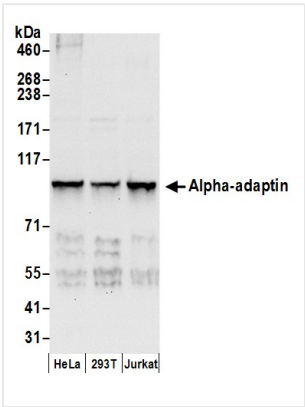
CATALOG # AAA212885	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Alpha-adaptin; Polyclonal Antibody; Rabbit anti-Alpha-adaptin Antibody; Affinity Purified; alpha-adaptin A; plasma membrane adaptor HA2/AP2 adaptin alpha A subunit; clathrin-associated/assembly/adaptor protein; large; alpha 1; clathrin assembly protein complex 2 alpha-A large chain; CLAPA1; AP-2 complex subunit alpha-1; alpha1-adaptin; Adaptor-related protein complex 2 subunit alpha-1; adaptor related protein complex 2 alpha 1 subunit; adaptor protein complex AP-2 subunit alpha-1; adaptin; alpha A; adapter-related protein complex 2 subunit alpha-1; adapter-related protein complex 2 alpha-1 subunit; 100 kDa coated vesicle protein A; ADTAA; AP2-ALPHA; adaptor related protein complex 2 subunit alpha 1; anti-AP2A1 antibody

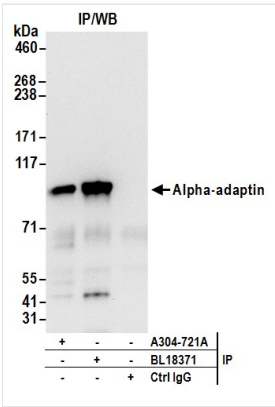
PRODUCT SPECIFICATIONS

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-AP2A1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 625 and 675
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-adaptin by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Alpha-adaptin antibody AAA212885 (lot AAA212885-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human Alpha-adaptin by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Alpha-adaptin antibody AAA212885 (lot AAA212885-1) used for IP at 6 ug per reaction. Alpha-adaptin was also immunoprecipitated by rabbit anti-Alpha-adaptin antibody BL18371. For blotting immunoprecipitated Alpha-adaptin, AAA212885 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-AP2A1 antibody	Alpha-adaptin A is a subunit of the adaptor protein 2 (AP-2) complex found in clathrin coated vesicles. The AP-2 complex is a heterotetramer consisting of two large adaptins (alpha or beta), a medium adaptin (mu), and a small adaptin (sigma). The complex is part of the protein coat on the cytoplasmic face of coated vesicles which links clathrin to receptors in vesicles [taken from NCBI Entrez Gene (Gene ID: 160)].
Product Categories/Family for anti-AP2A1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	19913416
NCBI GeneID	160
NCBI Accession #	NP_570603.2
NCBI GenBank Nucleotide #	NM_130787.2
UniProt Accession #	O95782; Q96C17; Q96PP6; Q96PP7; Q9H070; Q8N9K4
Molecular Weight	107,546 Da
NCBI Official Full Name	AP-2 complex subunit alpha-1 isoform 2
NCBI Official Synonym Full Names	adaptor-related protein complex 2, alpha 1 subunit
NCBI Official Symbol	AP2A1
NCBI Official Synonym Symbols	ADTAA; CLAPA1; AP2-ALPHA
NCBI Protein Information	AP-2 complex subunit alpha-1; alpha1-adaptin; alpha-adaptin A; adaptin, alpha A; 100 kDa coated vesicle protein A; adaptor protein complex AP-2 subunit alpha-1; adapter-related protein complex 2 alpha-1 subunit; clathrin assembly protein complex 2 alpha-A
UniProt Protein Name	AP-2 complex subunit alpha-1
UniProt Gene Name	AP2A1
UniProt Synonym Gene Names	ADTAA; CLAPA1

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-adaptin-antibody-immunoprecipitation-western-blot-elisa/212885>