

Rabbit anti-Human, Mouse gamma Adaptin/AP1G1 Polyclonal Antibody | anti-AP1G1 antibody

Rabbit anti-gamma Adaptin/AP1G1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212926	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

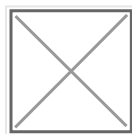
PRODUCT SYNONYMS

gamma Adaptin/AP1G1; Polyclonal Antibody; Rabbit anti-gamma Adaptin/AP1G1 Antibody; Affinity Purified; clathrin assembly protein complex 1 gamma large chain; testicular tissue protein Li 21; golgi adaptor HA1/AP1 adaptin subunit gamma-1; golgi adaptor HA1/AP1 adaptin gamma subunit; gamma1-adaptin; gamma adaptin; clathrin assembly protein complex 1 gamma-1 large chain; CLAPG1; AP-1 complex subunit gamma-1; ADTG; Adaptor-related protein complex 1 subunit gamma-1; adaptor related protein complex 1 gamma 1 subunit; adaptor protein complex AP-1 subunit gamma-1; adapter-related protein complex 1 subunit gamma-1; clathrin-associated/assembly/adaptor protein; large; gamma 1; adaptor related protein complex 1 subunit gamma 1; anti-AP1G1 antibody

PRODUCT SPECIFICATIONS

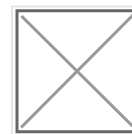
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-AP1G1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human gamma Adaptin/AP1G1 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-gamma Adaptin/AP1G1 antibody AAA212926 (lot AAA212926-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



WB (Western Blot)

Detection of mouse gamma Adaptin/AP1G1 by western blot. Samples: Whole cell lysate (50 ug) from TCMK-1 and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-gamma Adaptin/AP1G1 antibody AAA212926 (lot AAA212926-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human gamma Adaptin/AP1G1 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-gamma Adaptin/AP1G1 antibody AAA212926 (lot AAA212926-1) used for IP at 6 ug per reaction. gamma Adaptin/AP1G1 was also immunoprecipitated by rabbit anti-gamma Adaptin/AP1G1 antibody BL18432. For blotting immunoprecipitated gamma Adaptin/AP1G1, AAA212926 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-AP1G1 antibody	Adaptins are important components of clathrin-coated vesicles transporting ligand-receptor complexes from the plasma membrane or from the trans-Golgi network to lysosomes. The adaptin family of proteins is composed of four classes of molecules named alpha, beta-, beta prime- and gamma- adaptins. Adaptins, together with medium and small subunits, form a heterotetrameric complex called an adaptor, whose role is to promote the formation of clathrin-coated pits and vesicles [taken from NCBI Entrez Gene (Gene ID: 164)].
Product Categories/Family for anti-AP1G1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	71772942
NCBI GeneID	164
NCBI Accession #	NP_001119.3
NCBI GenBank Nucleotide #	NM_001128.5
UniProt Accession #	O43747; O75709; O75842; Q9UG09; Q9Y3U4
Molecular Weight	91,723 Da
NCBI Official Full Name	AP-1 complex subunit gamma-1 isoform b
NCBI Official Synonym Full Names	adaptor-related protein complex 1, gamma 1 subunit
NCBI Official Symbol	AP1G1
NCBI Official Synonym Symbols	ADTG; CLAPG1
NCBI Protein Information	AP-1 complex subunit gamma-1; gamma adaptin; gamma1-adaptin; golgi adaptor HA1/AP1 adaptin gamma subunit; adaptor protein complex AP-1 subunit gamma-1; golgi adaptor HA1/AP1 adaptin subunit gamma-1; adapter-related protein complex 1 subunit gamma-1; adapt
UniProt Protein Name	AP-1 complex subunit gamma-1
UniProt Gene Name	AP1G1
UniProt Synonym Gene Names	ADTG; CLAPG1
UniProt Entry Name	AP1G1_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.