

Rabbit anti-Human AP1G1 Monoclonal Antibody | anti-AP1G1 antibody

AP1G1 Rabbit mAb

CATALOG # AAA282717	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

AP1G1; Monoclonal Antibody; AP1G1 Rabbit mAb; ADTG; CLAPG1; USRISD; anti-AP1G1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	RSNTNPSVTV ITIQASNSTE LDMTDFVFQA AVPKTFQLQL LSPSSSIVPA FNTGTITQVI KVLNPQKQQQL RMRIKLTYNH KGSAMQDLAE VNNFPPQSWQ
Applicable Applications for anti-AP1G1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 723-822 of human AP1G1 (O43747).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



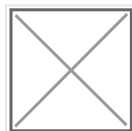
IHC (Immunohistochemisry)

Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using AP1G1 Rabbit mAb (AAA282717) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohiostchemistry)

Immunohistochemistry analysis of paraffin-embedded Rat ovary using AP1G1 Rabbit mAb (AAA282717) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of various lysates using AP1G1 Rabbit mAb (AAA282717) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

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. The protein encoded by this gene is a gamma-adaptin protein and it belongs to the adaptor complexes large subunits family. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-AP1G1 antibody	Signal Transduction ; Immunology Inflammation ; Jak-Stat-IL-6 Receptor Signaling Pathway ; 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	Calculated MW: 91kDa Observed MW: 100kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/ap1g1-antibody-immunohistochemistry-western-blot-elisa/282717>