

Rabbit anti-Human AP2A2 Polyclonal Antibody | anti-AP2A2 antibody

AP2A2 Antibody (Center)

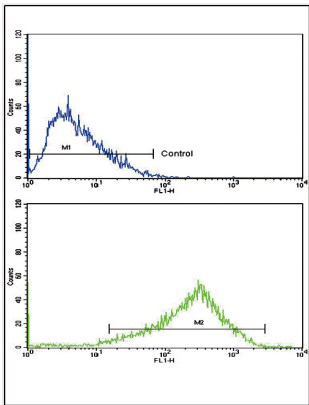
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289983	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

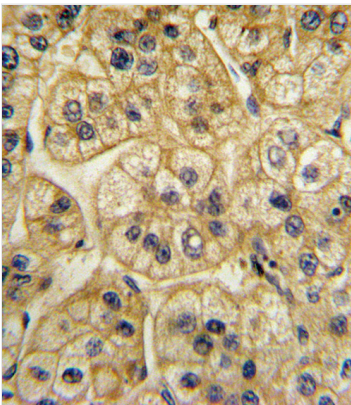
AP2A2; Polyclonal Antibody; AP2A2 Antibody (Center); AP-2 complex subunit alpha-2; 100 kDa coated vesicle protein C; Adaptor protein complex AP-2 subunit alpha-2; Adaptor-related protein complex 2 subunit alpha-2; Alpha-adaptin C; Alpha2-adaptin; Clathrin assembly protein complex 2 alpha-C large chain; Huntingtin yeast partner J; Huntingtin-interacting protein 9; HIP-9; Huntingtin-interacting protein J; Plasma membrane adaptor HA2/AP2 adaptin alpha C subunit; ADTAB; CLAPA2; HIP9; HYPJ; KIAA0899; anti-AP2A2 antibody

PRODUCT SPECIFICATIONS

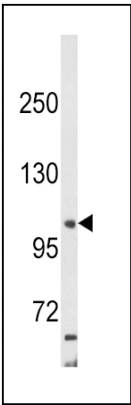
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AP2A2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 610-637 amino acids from the Central region of human AP2A2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.32 (varies by lot)
Sequence Positions	610-637
Sequence Length	656
Applicable Applications for anti-AP2A2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HepG2 cells using AP2A2 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma with AP2A2 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of AP2A2 Antibody (Center) in HepG2 cell line lysates (35ug/lane). AP2A2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-AP2A2 antibody	Adaptins are components of the adaptor complexes which link clathrin to receptors in coated vesicles. Clathrin-associated protein complexes are believed to interact with the cytoplasmic tails of membrane proteins, leading to their selection and concentration. Alpha adaptin is a subunit of the plasma membrane adaptor. It binds polyphosphoinositides.
Product Categories/Family for anti-AP2A2 antibody	Signal Transduction
References	Scorilas,A., et.al., Gene 289 (1-2), 191-199 (2002) Benmerah,A., et.al., J. Biol. Chem. 271 (20), 12111-12116 (1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	338827685
NCBI GeneID	161
NCBI Accession #	NP_001229766.1; NP_036437.1
NCBI GenBank Nucleotide #	NM_001242837.1
UniProt Accession #	O94973; O75403; Q53ET1; Q96SI8

Molecular Weight	103960
NCBI Official Full Name	AP-2 complex subunit alpha-2 isoform 1
NCBI Official Synonym Full Names	adaptor-related protein complex 2, alpha 2 subunit
NCBI Official Symbol	AP2A2
NCBI Official Synonym Symbols	HIP9; HYPJ; ADTAB; HIP-9; CLAPA2
NCBI Protein Information	AP-2 complex subunit alpha-2
UniProt Protein Name	AP-2 complex subunit alpha-2
UniProt Gene Name	AP2A2
UniProt Synonym Gene Names	ADTAB; CLAPA2; HIP9; HYPJ; KIAA0899; HIP-9
UniProt Entry Name	AP2A2_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/ap2a2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289983>