

Rabbit AP2A1 Polyclonal Antibody | anti-AP2A1 antibody

AP2A1 Antibody (C-term)

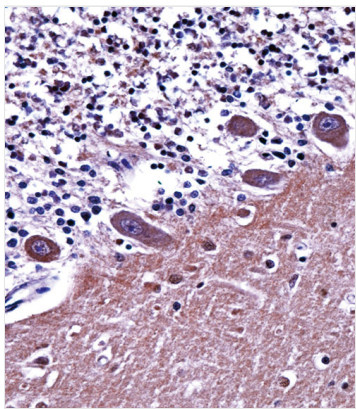
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287908	Rabbit	Human (Predicted Reactivity: Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

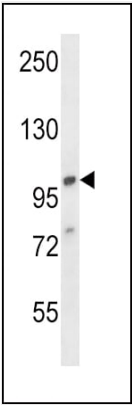
AP2A1; Polyclonal Antibody; AP2A1 Antibody (C-term); AP-2 complex subunit alpha-1; 100 kDa coated vesicle protein A; Adaptor protein complex AP-2 subunit alpha-1; Adaptor-related protein complex 2 subunit alpha-1; Alpha-adaptin A; Alpha1-adaptin; Clathrin assembly protein complex 2 alpha-A large chain; Plasma membrane adaptor HA2/AP2 adaptin alpha A subunit; ADTAA; CLAPA1; anti-AP2A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This AP2A1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 706-735 amino acids from the C-terminal region of human AP2A1.
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: 0.5 (varies by lot)
Sequence Positions	706-735
Sequence Length	955
Applicable Applications for anti-AP2A1 antibody	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.



IHC (Immunohiostchemistry)
AP2A1 Antibody (C-term) (AAA287908)immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of AP2A1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
AP2A1 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the AP2A1 antibody detected the AP2A1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-AP2A1 antibody	This gene encodes the alpha 1 adaptin 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. Alternative splicing of this gene results in two transcript variants encoding two different isoforms. A third transcript variant has been described, but its full length nature has not been determined.
Product Categories/Family for anti-AP2A1 antibody	Signal Transduction
References	Mitchell, R.S., et al. J. Virol. 82(16):7758-7767(2008) Kitagawa, Y., et al. Virology 373(1):171-180(2008) Stove, V., et al. J. Virol. 79(17):11422-11433(2005) Lu, W., et al. Neuron 47(3):407-421(2005) Pope, S.N., et al. J. Steroid Biochem. Mol. Biol. 94 (1-3), 203-208 (2005) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	19913414
NCBI GeneID	160
NCBI Accession #	NP_055018.2; NP_570603.2
NCBI GenBank Nucleotide #	NM_014203.2
UniProt Accession #	O95782; Q96CI7; Q96PP6; Q96PP7; Q9H070
Molecular Weight	107546
NCBI Official Full Name	AP-2 complex subunit alpha-1 isoform 1
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
UniProt Protein Name	AP-2 complex subunit alpha-1
UniProt Gene Name	AP2A1
UniProt Synonym Gene Names	ADTAA; CLAPA1
UniProt Entry Name	AP2A1_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/ap2a1-antibody-immunohistochemistry-western-blot-elisa/287908>