



Anti-AP2A1 (aa 824-923) polyclonal antibody (DPAB-DC696)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	AP2A1 (NP_055018, 824 a.a. ~ 923 a.a) partial recombinant protein with GST tag. The sequence is QVLNIECLRDFTLPPLLSVRFYGGAPQALTLKLPVTINKFFQPTMAAQDFFQRWKQLS LPQQEAQKIFKANHPMDAEVTKAKLLGFGSALLDNVDPNP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	AP2A1 adaptor-related protein complex 2, alpha 1 subunit [Homo sapiens (human)]
Official Symbol	AP2A1
Synonyms	AP2A1; adaptor-related protein complex 2, alpha 1 subunit; ADTAA; CLAPA1; AP2-ALPHA; 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; adapter-related protein complex 2 subunit alpha-1; clathrin assembly protein complex 2 alpha-A large chain; plasma membrane adaptor HA2/AP2 adaptin alpha A subunit; clathrin-associated/assembly/adaptor protein, large, alpha 1;
Entrez Gene ID	160
Protein Refseq	NP_055018
UniProt ID	O95782
Chromosome Location	19q13.33
Pathway	Adaptive Immune System; Axon guidance; Disease; EGFR1 Signaling Pathway
Function	protein C-terminus binding; protein binding; protein kinase binding; protein transporter activity