



Anti-AP2B1 (aa 588-606) polyclonal antibody (CPBT-51342RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human AP2B1.
Antigen Description	The protein encoded by this gene is one of two large chain components of the assembly protein complex 2, which serves to link clathrin to receptors in coated vesicles. The encoded protein is found on the cytoplasmic face of coated vesicles in the plasma membrane. Two transcript variants encoding different isoforms have been found for this gene.
Immunogen	Synthetic peptide: IHRKHLPIHHGSTDAGDSP, corresponding to internal sequence amino acids 588-606 of Human AP2B1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Cow, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Sequence Similarities	Belongs to the adaptor complexes large subunit family.
Cellular Localization	Cell membrane. Membrane # coated pit. AP-2 appears to be excluded from internalizing CCVs and to disengage from sites of endocytosis seconds before internalization of the nascent CCV.
Format	Liquid
Size	100 µg

Buffer	Preservative:0.05% Sodium azideConstituents:99% PBS, 0.1% BSA
Preservative	0.05% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	AP2B1 adaptor-related protein complex 2, beta 1 subunit [Homo sapiens]
Official Symbol	AP2B1
Synonyms	AP2B1; adaptor-related protein complex 2, beta 1 subunit; ADTB2, CLAPB1; AP-2 complex subunit beta; Adapter related protein complex 2 beta 1 subunit; Adapter-related protein complex 2 beta subunit; Adaptin, beta 2 (beta); Adaptor protein complex AP-2 subunit beta; Adaptor related protein complex 2, beta 1 subunit; ADTB2; AP-2 complex subunit beta; AP105B; AP2 BETA; Ap2b1; AP2B1_HUMAN; Beta adaptin; Beta-2-adaptin; Beta-adaptin; Beta2 adaptin; CLAPB1; Clathrin assembly protein complex 2 beta large chain; Clathrin associated/assembly/adaptor protein, large, beta 1; Plasma membrane adaptor HA2/AP2 adaptin beta subunit; beta-adaptin; beta-2-adaptin; adaptin, beta 2 (beta); adaptor protein complex AP-2 subunit beta; adapter-related protein complex 2 beta subunit; clathrin assembly protein complex 2 beta large chain; plasma membrane adaptor HA2/AP2 adaptin beta subunit; clathrin-associated/assembly/adaptor protein, large, beta 1; ADTB2; AP105B; CLAPB1; AP2-BETA;
Entrez Gene ID	163
Protein Refseq	NP_001025177
UniProt ID	P63010
Chromosome Location	17q11.2-q12
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; EGFR downregulation, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, conserved biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Glutamate Binding, Activation of AMPA Receptors and Synaptic Plasticity, organism-specific biosystem; HIV Infe
Function	binding; clathrin binding; protein binding; protein transporter activity;