



Anti-AP3B1 (aa 2-14) polyclonal antibody (DPABH-09989)

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

PRODUCT INFORMATION

Antigen Description	Subunit of non-clathrin- and clathrin-associated adaptor protein complex 3 that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. AP-3 appears to be involved in the sorting of a subset of transmembrane proteins targeted to lysosomes and lysosome-related organelles.
Immunogen	Synthetic peptide: SSNSFPYNEQSGG-C, corresponding to amino acids 2-14 of Human HPS2 (NP_003655.3).
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IHC-P
Format	Liquid
Size	50 µg
Buffer	pH: 7.30; Constituents: 99% Tris buffered saline, 0.5% BSA
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	AP3B1 adaptor-related protein complex 3, beta 2 subunit [Homo sapiens]
Official Symbol	AP3B1
Synonyms	AP3B1; adaptor-related protein complex 3, beta 1 subunit; PE; HPS; HPS2; ADTB3; ADTB3A; AP-3 complex subunit beta-1; beta-3A-adaptin; AP-3 complex beta-3A subunit; adaptor protein complex AP-3 subunit beta-1; clathrin assembly protein complex 3 beta-1 large chain;
Entrez Gene ID	8546
Protein Refseq	NP_001258698.1
UniProt ID	O00203
Pathway	Clathrin derived vesicle budding; Lysosome; Membrane Trafficking.
Function	GTP-dependent protein binding; protein phosphatase binding;