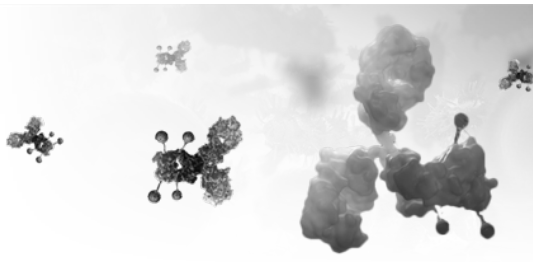

Human AP3B1 peptide (DAG-P1621)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein that may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. The encoded protein is part of the heterotetrameric AP-3 protein complex which interacts with the scaffolding protein clathrin. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 2. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2012]
Specificity	Ubiquitously expressed.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the adaptor complexes large subunit family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	AP3B1 adaptor-related protein complex 3, beta 1 subunit [Homo sapiens (human)]
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;

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Entrez Gene ID	8546
mRNA Refseq	NM_001271769.1
Protein Refseq	NP_001258698.1
UniProt ID	E5RJ68
Chromosome Location	5q14.1
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	protein phosphatase binding;

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