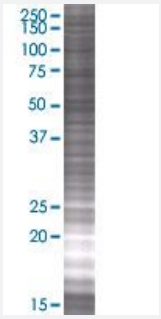
AP3B1 293T Cell Transient Overexpression Lysate(Denatured)

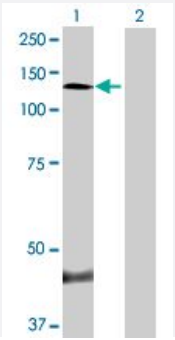
Catalog # H00008546-T01 Size 100 uL

Applications



SDS-PAGE Gel

AP3B1 transfected lysate.



Western Blot

Lane 1: AP3B1 transfected lysate (121.3 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-AP3B1 full-length
Host	Human
Theoretical MW (kDa)	121.3
Interspecies Antigen Sequence	Mouse (86)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-AP3B1 antibody (H00008546-B01) by Western Blots. SDS-PAGE Gel AP3B1 transfected lysate. Western Blot Lane 1: AP3B1 transfected lysate (121.3 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — AP3B1

Entrez GeneID	8546
GeneBank Accession#	NM_003664
Protein Accession#	NP_003655
Gene Name	AP3B1
Gene Alias	ADTB3, ADTB3A, HPS, HPS2, PE
Gene Description	adaptor-related protein complex 3, beta 1 subunit
Omim ID	603401 608233
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	AP-3 complex beta-3A subunit|beta3A-adaptin

Pathway

- Lysosome

Disease

- Brain Ischemia
- Cardiovascular Diseases
- Coronary Artery Disease
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Malignant melanoma
- Melanoma
- Myocardial Infarction
- Schizophrenia
- Skin Neoplasms
- Stroke
- Tobacco Use Disorder