

DNAxPAb

Hard-to-Find
Antibody

AP3M1 DNAxPab

Catalog # H00026985-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human AP3M1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MIHSLFLINCSGDIFLEKHWKSVVSQSVCDYFFEAQEKAADVENVPPVISTPHHYLISYRDKLFFVS VIQTEVPPLFVIEFLHRVADTFQDYFGECSEAAIKDNVVVYELLEEMLDNGFPLATESNILKELIKPP TILRSVVNSITGSSNVGDTLPTGQLSNIPWRRAGVKYTNNEAYFDVVEIDAIDKSGSTVFAEIQGV DACIKLSGMPDLSLSFMNPRLLDDVSFHPCKIRFKRWESERVLSFIPPDGNFRLISYRVSSQNLVAIP VYVKHSISFKENSSCGRFDITIGPKQNMGKTIEGITVTVHMPKVVLNMNL TPTQGSYTFDPVTKVLT WDVGKITPQKLPSLKGLVNLQSGAPKPEENPSLNIQFKIQLAISGLKVNRLDMYGEKYKPFKGVK YVTKAGKFQVRT
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — AP3M1

Entrez GeneID [26985](#)

GeneBank Accession# [NM_012095.3](#)

Protein Accession# [NP_036227.1](#)

Gene Name AP3M1

Gene Alias MGC22164

Gene Description adaptor-related protein complex 3, mu 1 subunit

Omim ID [610366](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is the medium subunit of AP-3, which is an adaptor-related protein complex associated with the Golgi region as well as more peripheral intracellular structures. AP-3 facilitates the budding of vesicles from the Golgi membrane and may be directly involved in protein sorting to the endosomal/lysosomal system. AP-3 is a heterotetrameric protein complex composed of two large subunits (delta and beta3), a medium subunit (mu3), and a small subunit (sigma 3). Mutations in one of the large subunits of AP-3 have been associated with the Hermansky-Pudlak syndrome, a genetic disorder characterized by defective lysosome-related organelles. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq]

Other Designations

AP-3 adapter complex mu3A subunit|OTTHUMP00000019859|OTTHUMP00000019860|clathrin adaptor complex AP3, mu-3A subunit|mu-adaptin 3A

Pathway

- [Lysosome](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)

- [Schizophrenia](#)