



Anti-AP3M1 monoclonal antibody (DCABH-10539)

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

PRODUCT INFORMATION

Antigen Description	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.
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Immunogen	A synthetic peptide of human AP3M1 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	FC, ICC/IF, WB
Size	100 µl
Buffer	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA,
Preservative	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	AP3M1 adaptor-related protein complex 3, mu 1 subunit [Homo sapiens]
Official Symbol	AP3M1
Synonyms	AP3M1; adaptor-related protein complex 3, mu 1 subunit; AP-3 complex subunit mu-1; mu3A-adaptin; mu-adaptin 3A; AP-3 adapter complex mu3A subunit; clathrin adaptor complex AP3, mu-3A subunit; adapter-related protein complex 3 mu-1 subunit; MGC22164;
Entrez Gene ID	26985
Protein Refseq	NP_036227
UniProt ID	A0A024QZR5
Chromosome Location	10q22.1-q22.3
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Metabolism of proteins, organism-specific biosystem; Protein folding, organism-specific biosystem.
Function	protein binding;