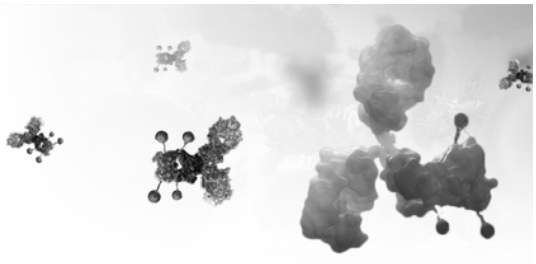

AP3M1 blocking peptide (CDBP5069)

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. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	AP3M1 adaptor-related protein complex 3, mu 1 subunit [Homo sapiens (human)]
Official Symbol	AP3M1
Synonyms	AP3M1; adaptor-related protein complex 3, mu 1 subunit; AP-3 complex subunit mu-1; mu3A-

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	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; adapter-related protein complex 3 subunit mu-1
Entrez Gene ID	26985
mRNA Refseq	NM_012095
Protein Refseq	NP_036227
UniProt ID	Q9Y2T2
Pathway	Association of TriC/CCT with target proteins during biosynthesis; Chaperonin-mediated protein folding; Lysosome; Metabolism of proteins; Protein folding
Function	Rab GTPase binding; protein binding

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