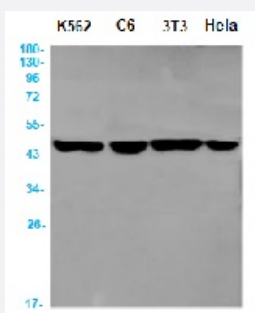


RecomAb™

AP3M1 recombinant monoclonal antibody, clone R08-8D2

Catalog # RAB01601 Size 100 uL

Applications



Western Blot

Western blot analysis of AP3M1 in K562, C6, 3T3, HeLa lysates using human AP3M1 recombinant monoclonal antibody, clone R08-8D2 (Cat # RAB01601).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human AP3M1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human AP3M1
Theoretical MW (kDa)	Calculated MW: 47 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of AP3M1 in K562, C6, 3T3, HeLa lysates using human AP3M1 recombinant monoclonal antibody, clone R08-8D2 (Cat # RAB01601).

Gene Info — AP3M1

Entrez GeneID[26985](#)**Protein Accession#**[Q9Y2T2](#)**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 adaptor 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](#)