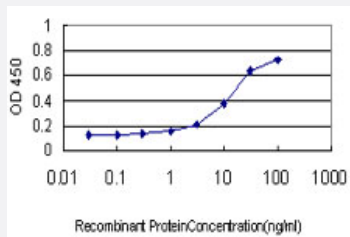


AP4B1 monoclonal antibody (M01), clone 1B7

Catalog # H00010717-M01

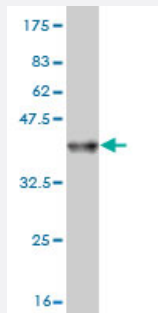
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AP4B1 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant AP4B1.

Immunogen

AP4B1 (NP_006585, 640 a.a. ~ 739 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

VAHQQVLPWRGEFHPDTLQMALQVVNIQTAMSRAGSRPWKAYLSAQDDTGCLFTELLLEPGN
SEMQISVKQNEARTETLNSFISVLETVIGTIEEIKS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (91); Rat (90)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AP4B1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — AP4B1

Entrez GeneID	10717
GeneBank Accession#	NM_006594
Protein Accession#	NP_006585
Gene Name	AP4B1
Gene Alias	BETA-4
Gene Description	adaptor-related protein complex 4, beta 1 subunit
Omim ID	607245
Gene Ontology	Hyperlink

Gene Summary

The heterotetrameric adaptor protein (AP) complexes sort integral membrane proteins at various stages of the endocytic and secretory pathways. AP4 is composed of 2 large chains, beta-4 (AP4 B1) and epsilon-4 (AP4E1; MIM 607244), a medium chain, mu-4 (AP4M1; MIM 602296), and a small chain, sigma-4 (AP4S1; MIM 607243). [supplied by OMIM]

Other Designations

OTTHUMP00000013725|OTTHUMP00000013730|beta 4 subunit of AP-4

Pathway

- [Lysosome](#)

Disease

- [Kidney Failure](#)