

MaxPab®

AP4B1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010717-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human AP4B1 protein.
Immunogen	AP4B1 (ADZ15510.1, 1 a.a. ~ 739 a.a) full-length human protein.
Sequence	MPYLGSDEVVKELKKALCNPHIQADRLRYRNVQRVIRYMTQGLDMSGVFMEMVKASATVDIVQK KLVYLYMCTYAPLKPDALLAINTLCKDCSDPNPMVRGLALRSMCSLRMPGVQEYIQQPILNGLRD KASYVRRVAVLGCAKMHNLHGDSEVDGALVNELYSLLRDQDPMVVNCLRSLEEILKQEGGVVIN KPIAHLLNRMSKLDQWGQAEVLNFLRLRYQPRSEEEELFDILNLLDSFLKSSSPGVVMGATKFLIL AKMFPHVQTDVLVRVKGPLLAACSSSESRELCFVALCHVRQILHSLPGHFSSHYKKFFCSYSEPHY IKLQKVEVLCELVNDENVQQVLEELRGYCTDVSADFAQAAIFAIGGIARTYTDQCQVILTELLGLRQ EHITTVVQTFRDLVWLCPCQCTEAVCQALPGCEENIQDSEGKQALWLLGVHGERIPNAPYVLEDF VENVKSETFPAVKMELLTALLRLFLSRPAECQDMLGRLLYYCIEEEKDMAVRDRGLFYRLLLVGI DEVKRILCSPKSDPTLGLLEDPAERPVNSWASDFNTLVPVYGKAHWATISKCQGAERCDELPK TSSFAASGPLPEENKERVQELPDGALMLVPNRQLTADYFEKTWLSLKVAHQQVLPWRGEFHP DTLQMALQVVNIQTAMSRAGSRPWKAYLSAQDDTGCLFLELLLEPGNSEMQISVKQNEARTETL NSFISVLETVIGTIEEIKS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
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](#)

Gene Info — AP4B1

Entrez GeneID [10717](#)

GeneBank Accession# [JF432293.1](#)

Protein Accession# [ADZ15510.1](#)

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](#)