

MaxPab®

AP4E1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00023431-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human AP4E1 protein.
Immunogen	AP4E1 (ADR83286.1, 1 a.a. ~ 1137 a.a) full-length human protein.
Sequence	MSDVEKTLTALPGLFLQNQPGGGPAAAKASFSSRLGSLVRGITALTSKHEEEKLIQQELSSLKAT VSAPTTTLKMMKECMVRLIYCEMLGYDASFYIHAIKLAQQGNLLEKRVGYLAVSLFLHESHELLLL LVNTVVKDLQSTNLVEVCMAITVVSQIFPCEMIPAVLPLIEDKLQHSKEIVRRKAVLALYKFHLIAPN QVQHIHIKFRKALCDRDVGVMASLHMLRMKENS SSGYKDLTGSFVTILKQVVGKLPVEFNHYSV PAPWLQIQLLRILGLLGKDDQRTSELMYDVLDESLRRAELNHNVTYAILFECVHTVYSYPKSELLEK AAKICIGKVLSPKINLKYGLKALTYVIQQDPTLALQHQMTHIECLDHPDPIKRETELELLYRITNAQNIT VIVQKMLEYLHQSKEEYVIVNLVGKIAELAKEYAPDNAWFIQTMNAVFSVGGDVMHPDIPNNFLRLL AEGFDDDEDQQLRLYAVQSYLTLLDMENVFYPQRFLQVMSWVLGEYSYLLDKETPEEVIKLYK LLMNDSVSSETKAWLIAAVTKLTSQAHSNTVERLIHEFTISLDTCMRQHAFELKHLHENVELMKS LLPVDRSCEDLVVDASLSFLDGFVAEGLSQAAPYKPPHQRQEEKLSQEKVLNFEFYGLSFSSS GFTGRQSPAGISLGSVSGNSAETGLKETNSLKLEGIKKLWGKEGYLPKKESKTGDESGALPVP QESIMENVDAQITKKDQSQVLTQSKEEKEKQLLASSLFVGLGSESTINLLGKADTVSHKFRRKSKV KEAKSGETTSTHNMTCSFSSLSNVAYEDDYSNTLHDTGDKELKKFSLTSELDDSESLTELPLV EKFSYCSLSTPSLFANNNMEIFHPPQSTAASVAKESSLASSFLEETTEYIHSNAMEVCNNETISVS SYKIWKDDCLLMVWSVTNKSGLELKSADLEIFPAENFKVTEQPGCCLPVMEAEESTKSFQYSVQIE KPFTEGNLTGFISYHMDTHSAQLEFSVNLSLDFIRPLKISSDDFGKLWLSFANDVKQNVKMSSES QAALPSALKTLQQKLRLHIIIEIGNEGLLACQLLPSIPCLLHCRVHADVLALWFRSSCSTLPDYLLYQ CQKVMESGS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80); Rat (80)
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 — AP4E1

Entrez GeneID [23431](#)

GeneBank Accession# [HQ258532.1](#)

Protein Accession# [ADR83286.1](#)

Gene Name AP4E1

Gene Alias DKFZp686L12167

Gene Description adaptor-related protein complex 4, epsilon 1 subunit

Omim ID [607244](#)

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; MIM 607245) and epsilon-4 (AP4E1), a medium chain, mu-4 (AP4M1; MIM 602296), and a small chain, sigma-4 (AP4S1; MIM 607243).[supplied by OMIM]

Other Designations AP-4-EPSILON|adaptor-related protein complex AP-4 epsilon

Pathway

- [Lysosome](#)