



Anti-AP4E1 (aa 1038-1137) polyclonal antibody (DPAB-DC1101)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the adaptor complexes large subunit protein family. These proteins are components of the heterotetrameric adaptor protein complexes, which play important roles in the secretory and endocytic pathways by mediating vesicle formation and sorting of integral membrane proteins. The encoded protein is a large subunit of adaptor protein complex-4, which is associated with both clathrin- and nonclathrin-coated vesicles. Disruption of this gene may be associated with cerebral palsy. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Immunogen	AP4E1 (NP_031373, 1038 a.a. ~ 1137 a.a) partial recombinant protein with GST tag. The sequence is SDDFGKLWLSFANDVKQNVKMSSESQAALPSALKTLQQKLRLHIEIIGNEGLLACQLLPS IPCLLHCRVHADVLALWFRSSCSTLPDYLLYQCQKVMEGS
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	AP4E1 adaptor-related protein complex 4, epsilon 1 subunit [Homo sapiens (human)]
Official Symbol	AP4E1
Synonyms	AP4E1; adaptor-related protein complex 4, epsilon 1 subunit; CPSQ4; SPG51; AP-4 complex subunit epsilon-1; epsilon-adaptin; adaptor-related protein complex AP-4 epsilon;
Entrez Gene ID	23431
Protein Refseq	NP_001239056
UniProt ID	B4DM48
Chromosome Location	15q21.2
Pathway	Clathrin derived vesicle budding; Lysosome; Membrane Trafficking.