



# 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

<b>Antigen Description</b>	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.
<b>Immunogen</b>	AP4E1 (NP_031373, 1038 a.a. ~ 1137 a.a) partial recombinant protein with GST tag. The sequence is SDDFGKLWLSFANDVKQNVKMSESQAALPSALKTLQQKLRLHIIIEIIGNEGLLACQLLPS IPCLLHCRVHADVLALWFRSSCSTLPDYLLYQCQKVMEGS
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">AP4E1 adaptor-related protein complex 4, epsilon 1 subunit [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	AP4E1
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">23431</a>
<b>Protein Refseq</b>	<a href="#">NP_001239056</a>
<b>UniProt ID</b>	<a href="#">B4DM48</a>
<b>Chromosome Location</b>	15q21.2
<b>Pathway</b>	Clathrin derived vesicle budding; Lysosome; Membrane Trafficking.