



# Anti-AP2B1 monoclonal antibody (DCABH-10538)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is one of two large chain components of the assembly protein complex 2, which serves to link clathrin to receptors in coated vesicles. The encoded protein is found on the cytoplasmic face of coated vesicles in the plasma membrane. Two transcript variants encoding different isoforms have been found for this gene.
<b>Immunogen</b>	A synthetic peptide of human AP2B1 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot (Transfected lysate); ELISA
<b>Buffer</b>	In 1x PBS, pH 7.4
<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="#">AP2B1 adaptor-related protein complex 2, beta 1 subunit [ Homo sapiens ]</a>
<b>Official Symbol</b>	AP2B1
<b>Synonyms</b>	AP2B1; adaptor-related protein complex 2, beta 1 subunit; ADTB2, CLAPB1; AP-2 complex subunit beta; beta-adaptin; beta-2-adaptin; adaptin, beta 2 (beta); adaptor protein complex AP-2 subunit beta; adapter-related protein complex 2 beta subunit; clathrin assembly protein complex 2 beta large chain; plasma membrane adaptor HA2/AP2 adaptin beta subunit; clathrin-associated/assembly/adaptor protein, large, beta 1; ADTB2; AP105B; CLAPB1; AP2-BETA; DKFZp781K0743;
<b>Entrez Gene ID</b>	<a href="#">163</a>
<b>Protein Refseq</b>	<a href="#">NP_001025177</a>
<b>UniProt ID</b>	<a href="#">P63010</a>
<b>Chromosome Location</b>	17q11.2-q12
<b>Pathway</b>	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Disease, organism-specific biosystem; EGFR downregulation, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, conserved biosystem; Endocytosis, organism-specific biosystem;
<b>Function</b>	binding; clathrin binding; protein binding; protein transporter activity;