



Anti-AP1G2 (aa 686-785) polyclonal antibody (DPAB-DC3686)

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

PRODUCT INFORMATION

Antigen Description	Adaptins are important components of clathrin-coated vesicles transporting ligand-receptor complexes from the plasma membrane or from the trans-Golgi network to lysosomes. The adaptin family of proteins is composed of four classes of molecules named alpha, beta-, beta prime- and gamma- adaptins. Adaptins, together with medium and small subunits, form a heterotetrameric complex called an adaptor, whose role is to promote the formation of clathrin-coated pits and vesicles. The protein encoded by this gene is a gamma-adaptin protein and it belongs to the adaptor complexes large subunits family. This protein along with the complex is thought to function at some trafficking step in the complex pathways between the trans-Golgi network and the cell surface. Several alternatively spliced transcript variants of this gene exist, but their full-length nature is not known.
Immunogen	AP1G2 (NP_003908, 686 a.a. ~ 785 a.a) partial recombinant protein with GST tag. The sequence is RPPENPALLLITITATNFSEGDVTHFICQAAVPKSLQLQLQAPSGNTVPARGGLPITQLFRILNPNK APLRLKRLTYDHFHQSVQEIFEVNNLPVESWQ
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	AP1G2 adaptor-related protein complex 1, gamma 2 subunit [Homo sapiens (human)]
Official Symbol	AP1G2
Synonyms	AP1G2; adaptor-related protein complex 1, gamma 2 subunit; G2AD; AP-1 complex subunit gamma-like 2; gamma2-adaptin; clathrin-associated/assembly/adaptor protein, large, gamma-2;
Entrez Gene ID	8906
Protein Refseq	NP_001269403
UniProt ID	Q86U03
Chromosome Location	14q11.2
Pathway	Lysosome;
Function	protein binding; protein transporter activity;