

## AP1G2

**Reactivity:**Human

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:1000

**Calculated MW:**87kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human AP1G2

**Storage Buffer:**

Store at 4. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

G2AD

**Catalog #:**A5287

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**8906

**Isotype:**IgG

**Swiss Prot:**O75843

**Purity:**Affinity purification

For research use only.

**Background:**

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.

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