

## Product datasheet for **TA323388**

### gamma Adaptin (AP1G1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human esophagus cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 802-814 amino acids of Human Adapter-related protein complex 1 subunit gamma-1
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	adaptor related protein complex 1 gamma 1 subunit
Database Link:	<a href="#">NP_001119</a> <a href="#">Entrez Gene 11765 Mouse</a> <a href="#">Entrez Gene 164 Human</a> <a href="#">O43747</a>



[View online »](#)

**Background:**

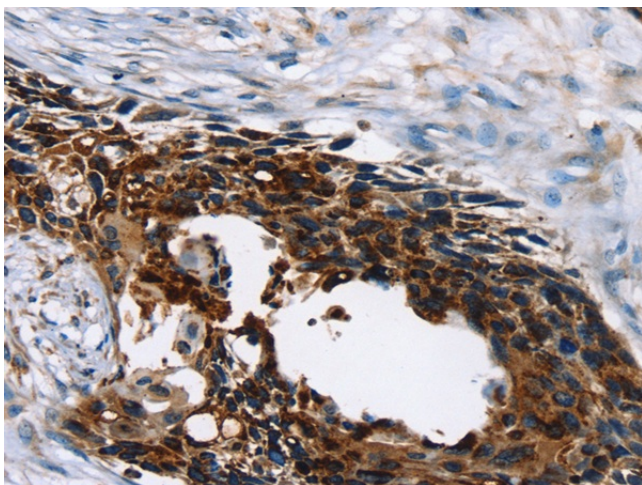
Adaptins are important components of clathrin-coated vesicles transporting ligand-receptor complexes from the plasma membrane or from the trans-Golgi network to lysosomes. The adaptin family of proteins is composed of four classes of molecules named alpha; beta; beta prime- and gamma- adaptins. Adaptins; 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. Two transcript variants encoding different isoforms have been found for this gene.

**Synonyms:**

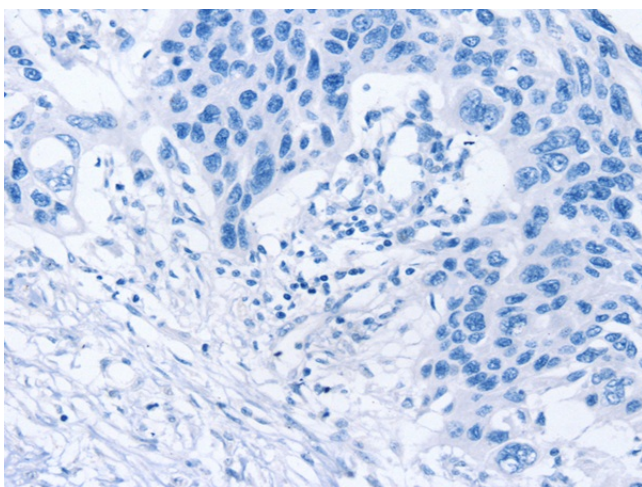
ADTG; CLAPG1

**Protein Pathways:**

Lysosome

**Product images:**

Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA323388 (AP1G1 Antibody) at dilution 1/45 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA323388 (AP1G1 Antibody) at dilution 1/45, treated with synthetic peptide. (Original magnification:  $\times 200$ )