

## Product datasheet for **TA323388S**

### gamma Adaptin (AP1G1) Rabbit Polyclonal Antibody

#### Product data:

|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | IHC   |
| Recommended Dilution: | IHC: 25-100<br>Positive control: Human esophagus cancer<br>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  |
| 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><br><a href="#">Entrez Gene 11765 Mouse</a> <a href="#">Entrez Gene 164 Human</a><br><a href="#">O43747</a>  |
| 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. |

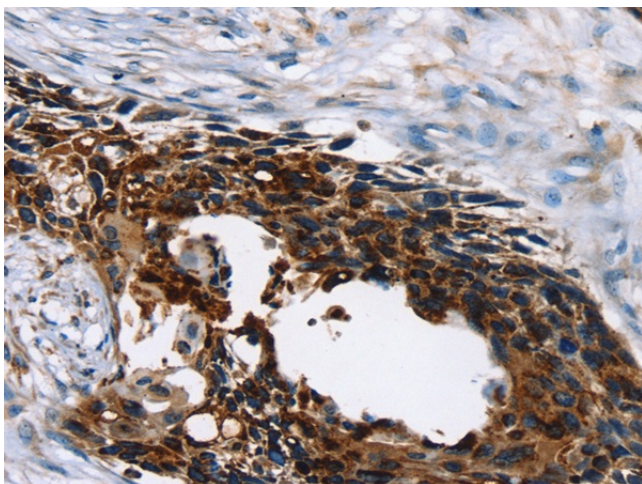


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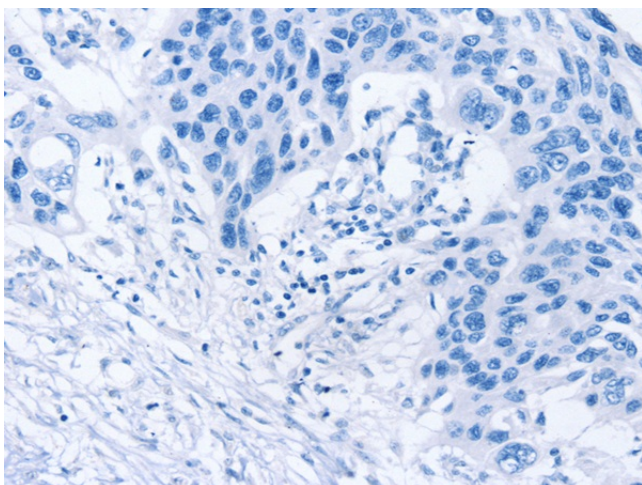
Synonyms: ADTG; CLAPG1

Protein Pathways: Lysosome

### Product images:



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



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