

## Product datasheet for **TA349479S**

### ANAPC13 Rabbit Polyclonal Antibody

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | IHC  |
| Recommended Dilution: | IHC: 25-100<br>Positive control: Human liver cancer<br>Predicted cell location: Cytoplasm  |
| Reactivity:           | Human, Mouse   |
| Host:                 | Rabbit   |
| Isotype:              | IgG  |
| Clonality:            | Polyclonal   |
| Immunogen:            | Fusion protein of human ANAPC13  |
| Formulation:          | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% 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:            | anaphase promoting complex subunit 13  |
| Database Link:        | <a href="#">NP_056206</a><br><a href="#">Entrez Gene 69010 Mouse</a> <a href="#">Entrez Gene 25847 Human</a><br><a href="#">Q9BS18</a> |

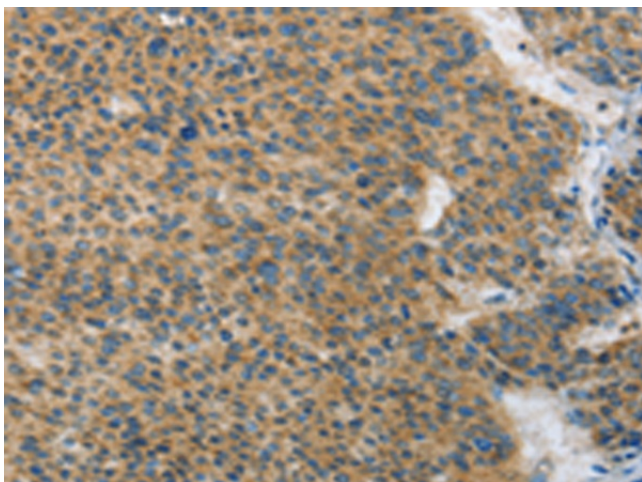
**Background:** This gene encodes a component of the anaphase promoting complex, a large ubiquitin-protein ligase that controls cell cycle progression by regulating the degradation of cell cycle regulators such as B-type cyclins. The encoded protein is evolutionarily conserved and is required for the integrity and ubiquitin ligase activity of the anaphase promoting complex. Pseudogenes and splice variants have been found for this gene; however, the biological validity of some of the splice variants has not been determined.

**Synonyms:** APC13; SWM1

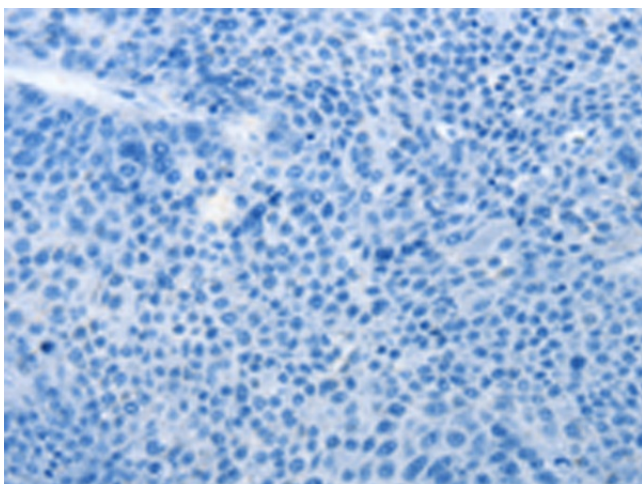
**Protein Pathways:** Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis



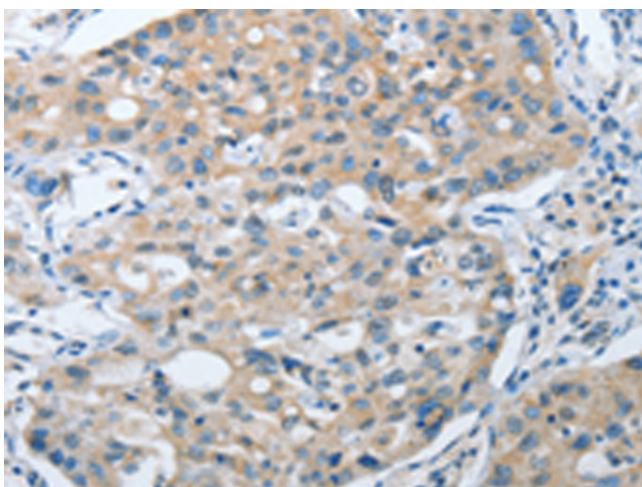
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**Product images:**

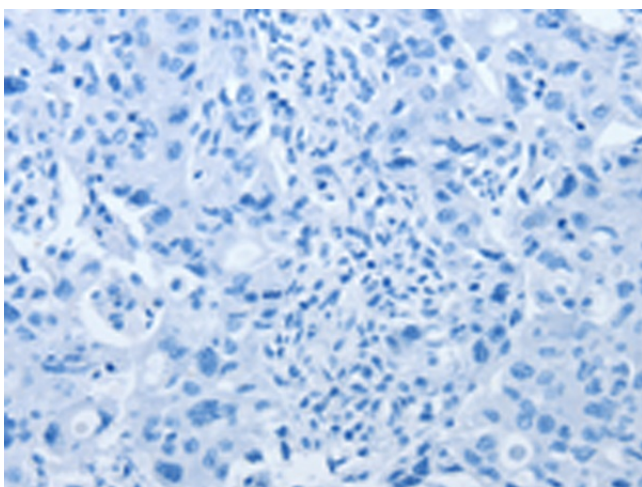
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349479] (ANAPC13 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA349479] (ANAPC13 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA349479] (ANAPC13 Antibody) at dilution 1/25 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using [TA349479] (ANAPC13 Antibody) at dilution 1/25, treated with fusion protein. (Original magnification:  $\times 200$ )