

## Product datasheet for **TA365668**

### CoCoA (CALCOCO1) Rabbit Polyclonal Antibody

#### Product data:

|                       |                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| Product Type:         | Primary Antibodies                                                                                     |
| Applications:         | IHC                                                                                                    |
| Recommended Dilution: | IHC: 20-100<br>Positive control: Human thyroid cancer<br>Predicted cell location: Cytoplasm or Nucleus |
| Reactivity:           | Human, Mouse, Rat                                                                                      |
| Host:                 | Rabbit                                                                                                 |
| Isotype:              | IgG                                                                                                    |
| Clonality:            | Polyclonal                                                                                             |
| Immunogen:            | Fusion protein of human CALCOCO1                                                                       |
| Formulation:          | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol                                                       |
| Concentration:        | lot specific                                                                                           |
| Purification:         | Antigen affinity purification                                                                          |
| Conjugation:          | Unconjugated                                                                                           |
| Storage:              | Store at -20°C.                                                                                        |
| Stability:            | 1 year                                                                                                 |
| Gene Name:            | calcium binding and coiled-coil domain 1                                                               |
| Database Link:        | <a href="#">Entrez Gene 57658 Human Q9P1Z2</a>                                                         |

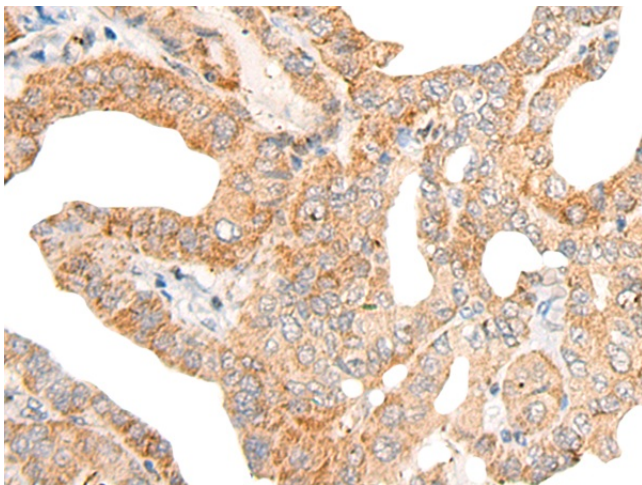
**Background:** CALCOCO1 (calcium-binding and coiled-coil domain-containing protein 1), also known as cocoa, calphoglin, sarcoma antigen NY-SAR-3 or coiled-coil coactivator protein, is a 691 amino acid protein that shuttles between the cytoplasm and nucleus and functions as coactivator for aryl hydrocarbon and nuclear receptors. A member of the CALCOCO family, CALCOCO1 is forms a calphoglin complex with PPA1 and PGM 1 and contains multiple functional domains through which it acts as a component of both the androgen signaling pathway and the Wnt/ $\beta$ -catenin signaling pathway. CALCOCO1 exists as three alternatively spliced isoforms (termed Q9P1Z2-1, 2 and 3), which are encoded by genes mapping to human chromosome 12q13.13 and mouse chromosome 15 F3.



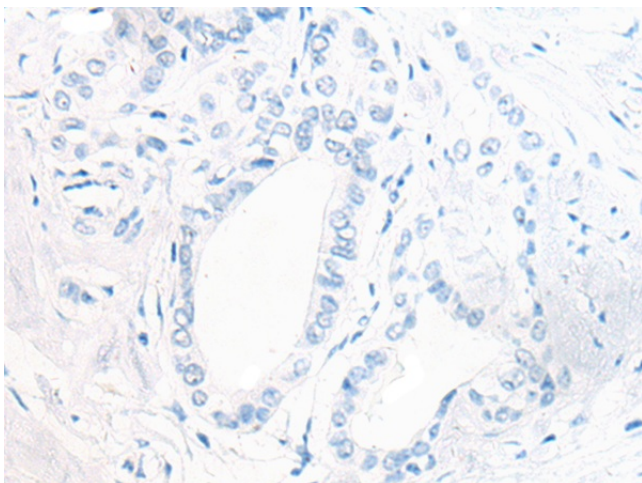
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Synonyms: calphoglin; Cocoa; KIAA1536; PP13275

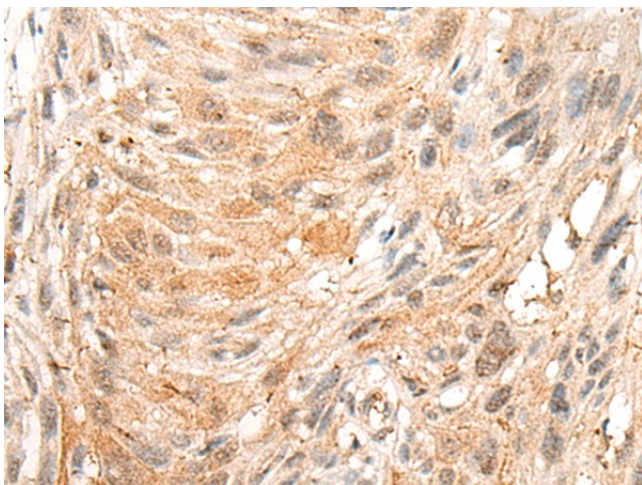
### Product images:



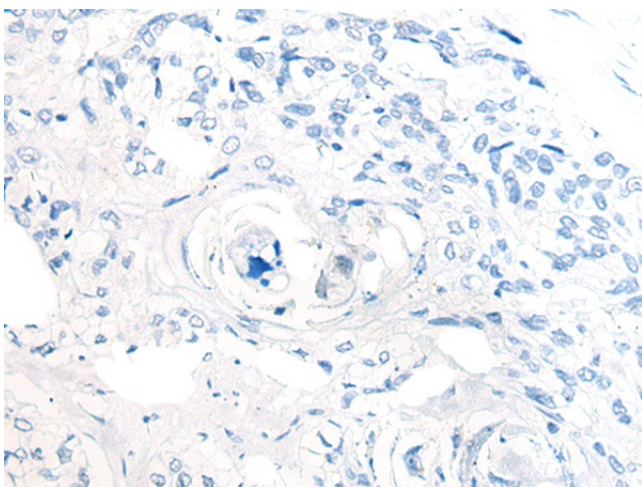
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365668 (CALCOCO1 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA365668 (CALCOCO1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA365668 (CALCOCO1 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA365668 (CALCOCO1 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )