

## Product datasheet for **TA370097S**

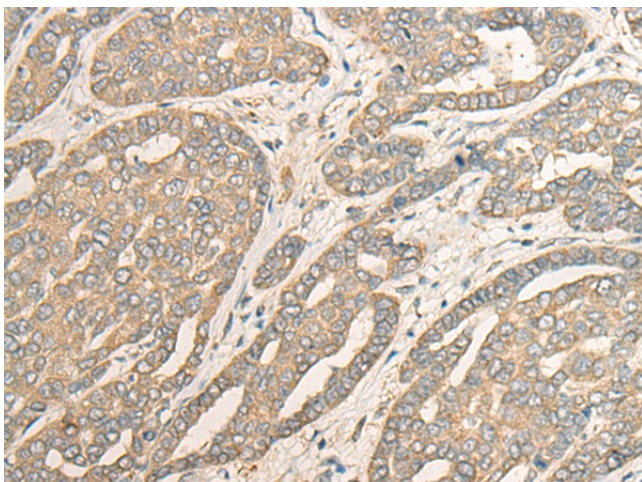
### Myozenin 2 (MYOZ2) Rabbit Polyclonal Antibody

#### Product data:

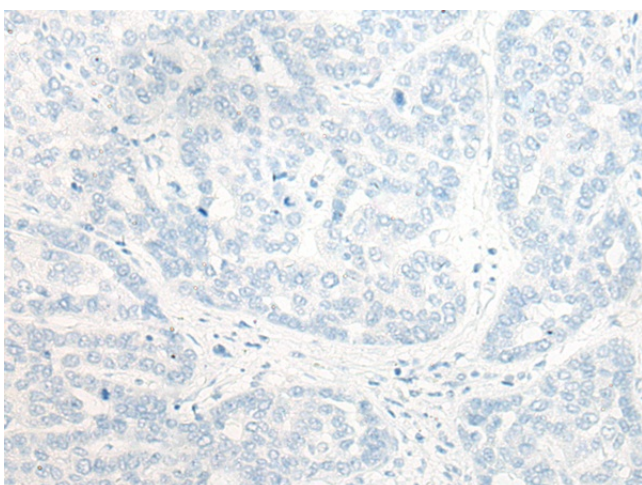
|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | IHC   |
| Recommended Dilution: | IHC: 40-200<br>Positive control: Human liver cancer<br>Predicted cell location: Cytoplasm   |
| Reactivity:           | Human, Mouse  |
| Host:                 | Rabbit  |
| Isotype:              | IgG   |
| Clonality:            | Polyclonal  |
| Immunogen:            | Full length fusion protein  |
| Formulation:          | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol  |
| Purification:         | Antigen affinity purification   |
| Conjugation:          | Unconjugated  |
| Storage:              | Store at -20°C.   |
| Stability:            | 1 year  |
| Gene Name:            | myozenin 2  |
| Database Link:        | <a href="#">Entrez Gene 51778 Human Q9NPC6</a>  |
| Background:           | The protein encoded by this gene belongs to a family of sarcomeric proteins that bind to calcineurin, a phosphatase involved in calcium-dependent signal transduction in diverse cell types. These family members tether calcineurin to alpha-actinin at the z-line of the sarcomere of cardiac and skeletal muscle cells, and thus they are important for calcineurin signaling. Mutations in this gene cause cardiomyopathy familial hypertrophic type 16, a hereditary heart disorder. |
| Synonyms:             | C4orf5; Calsarcin-1; CS-1   |



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**Product images:**

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA370097] (MYOZ2 Antibody) at dilution 1/40 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA370097] (MYOZ2 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification:  $\times 200$ )