

## Product datasheet for **TA369827**

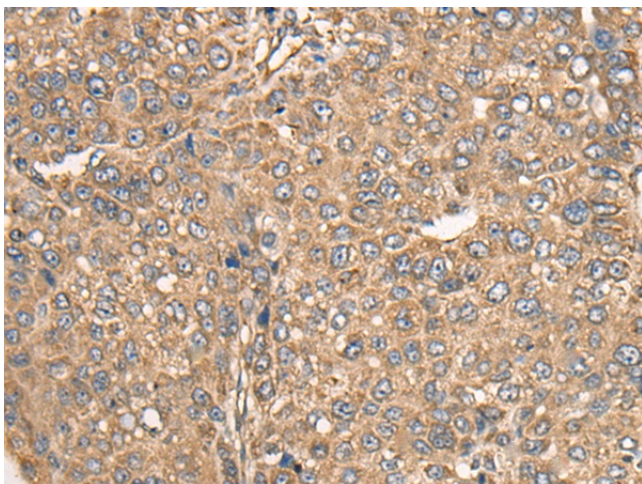
### BCO2 Rabbit Polyclonal Antibody

#### Product data:

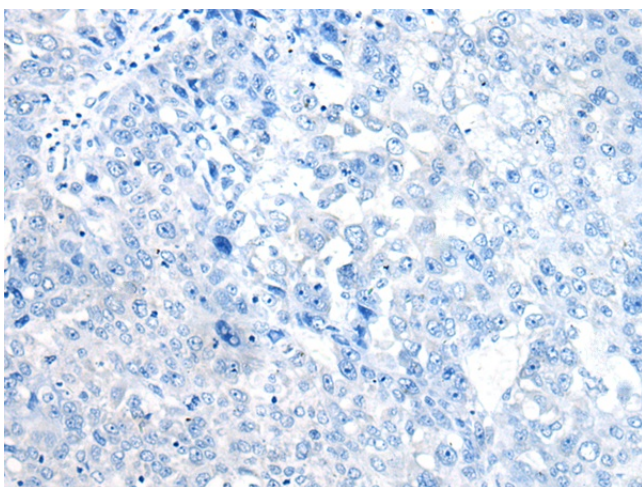
|                       |                                                                                                                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 BCO2                                                                                                                                                                               |
| 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:            | beta-carotene oxygenase 2                                                                                                                                                                                  |
| Database Link:        | <a href="#">Entrez Gene 83875 Human Q9BYV7</a>                                                                                                                                                             |
| Background:           | This gene encodes an enzyme which oxidizes carotenoids such as beta-carotene during the biosynthesis of vitamin A. Multiple transcript variants encoding different isoforms have been found for this gene. |
| Synonyms:             | B-DIOX-II; BCDO2; FLJ34464; OTTHUMP00000196941                                                                                                                                                             |



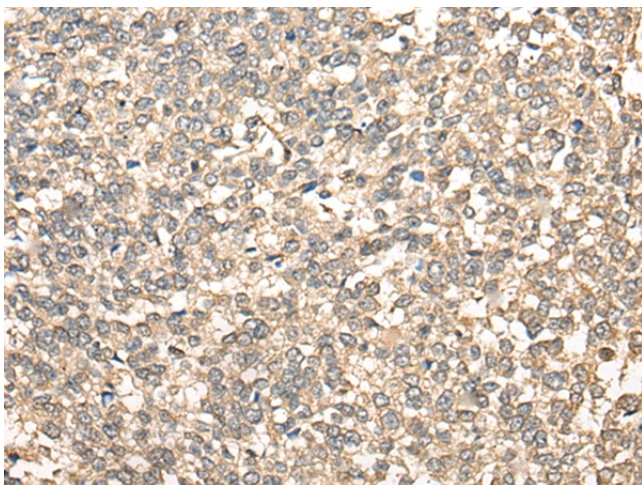
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**Product images:**

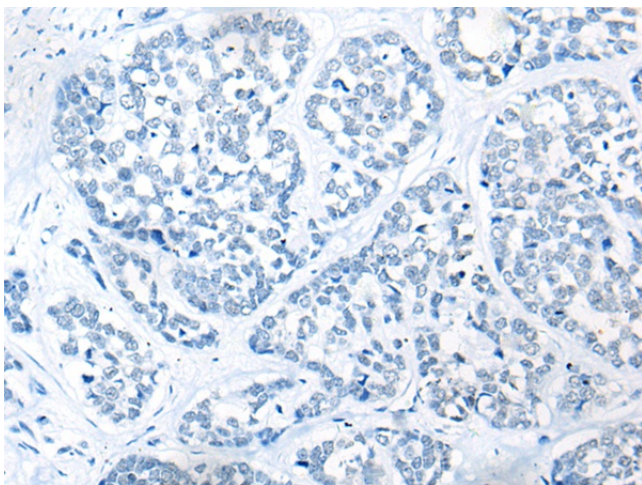
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369827 (BCO2 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA369827 (BCO2 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA369827 (BCO2 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using TA369827 (BCO2 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification: ×200)