

## Product datasheet for **TA350485**

### TBX18 Rabbit Polyclonal Antibody

#### Product data:

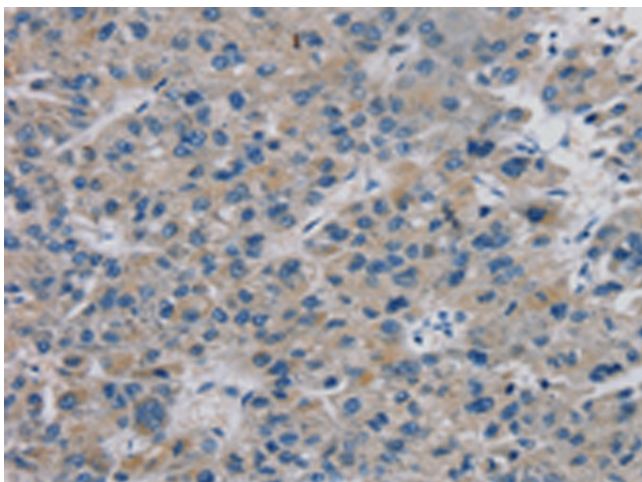
|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Applications:         | IHC  |
| Recommended Dilution: | IHC: 10-50<br>Positive control: Human liver cancer<br>Predicted cell location: Cytoplasm   |
| Reactivity:           | Human, Mouse   |
| Host:                 | Rabbit   |
| Isotype:              | IgG  |
| Clonality:            | Polyclonal   |
| Immunogen:            | Fusion protein of human TBX18  |
| Formulation:          | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% GlycerolIn   |
| Concentration:        | lot specific   |
| Purification:         | Antigen affinity purification  |
| Conjugation:          | Unconjugated   |
| Storage:              | Store at -20°C as received.  |
| Stability:            | Stable for 12 months from date of receipt.   |
| Gene Name:            | T-box 18   |
| Database Link:        | <a href="#">NP_001073977</a><br><a href="#">Entrez Gene 76365 Mouse</a> <a href="#">Entrez Gene 9096 Human</a><br><a href="#">O95935</a> |

**Background:** This genes codes for a member of an evolutionarily conserved family of transcription factors that plays a crucial role in embryonic development. The family is characterized by the presence of the DNA-binding T-box domain and is divided into five sub-families based on sequence conservation in this domain. The encoded protein belongs to the vertebrate specific Tbx1 sub-family. The protein acts as a transcriptional repressor by antagonizing transcriptional activators in the T-box family. The protein forms homo- or heterodimers with other transcription factors of the T-box family or other transcription factors.

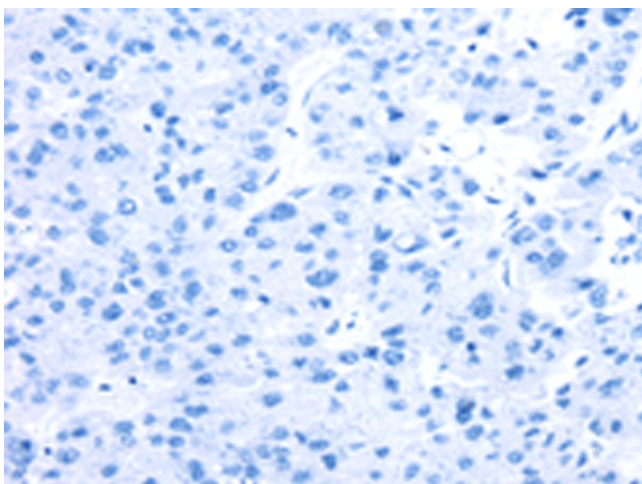
**Synonyms:** 2810012F10Rik; 2810404D13Rik



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**Product images:**

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350485 (TBX18 Antibody) at dilution 1/20 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350485 (TBX18 Antibody) at dilution 1/20, treated with fusion protein. (Original magnification:  $\times 200$ )