

## Product datasheet for **TA371717**

### Dopamine Receptor D3 (DRD3) Rabbit Polyclonal Antibody

#### Product data:

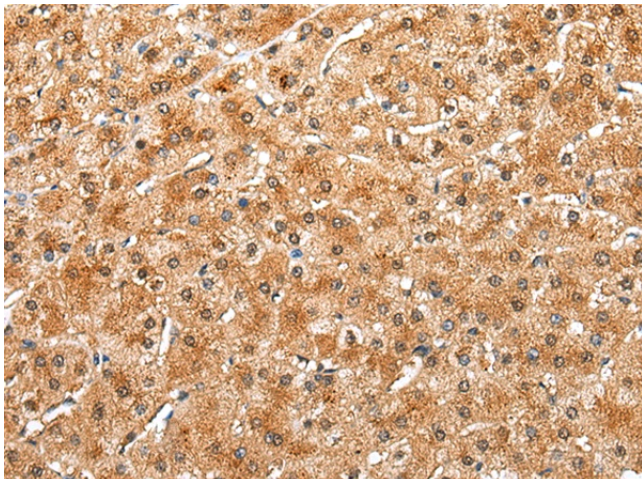
|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Applications:         | IHC   |
| Recommended Dilution: | IHC: 30-150<br>Positive control: Human liver cancer<br>Predicted cell location: Cell membrane |
| Reactivity:           | Human   |
| Host:                 | Rabbit  |
| Isotype:              | IgG   |
| Clonality:            | Polyclonal  |
| Immunogen:            | Synthetic peptide of human DRD3   |
| 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:            | dopamine receptor D3  |
| Database Link:        | <a href="#">Entrez Gene 1814 Human P35462</a>   |

**Background:** This gene encodes the D3 subtype of the five (D1-D5) dopamine receptors. The activity of the D3 subtype receptor is mediated by G proteins which inhibit adenylyl cyclase. This receptor is localized to the limbic areas of the brain, which are associated with cognitive, emotional, and endocrine functions. Genetic variation in this gene may be associated with susceptibility to hereditary essential tremor 1. Alternative splicing of this gene results in transcript variants encoding different isoforms, although some variants may be subject to nonsense-mediated decay (NMD).

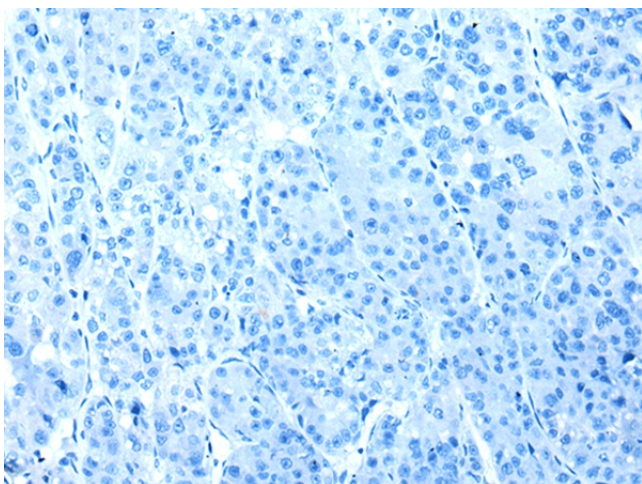
**Synonyms:** D3DR; ETM1; FET1; MGC149204; MGC149205



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**Product images:**

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA371717 (DRD3 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA371717 (DRD3 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)