

## Product datasheet for **TA504150**

### TULP3 Mouse Monoclonal Antibody [Clone ID: OTI6H4]

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI6H4  |
| Applications:           | IF, WB  |
| Recommended Dilution:   | WB 1:2000, IF 1:100   |
| Reactivity:             | Human   |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full length human recombinant protein of human TULP3(NP_003315) produced in HEK293T cell.                 |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.                                      |
| Concentration:          | 1.2 mg/ml   |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 49.5 kDa  |
| Gene Name:              | TUB like protein 3  |
| Database Link:          | <a href="#">NP_003315</a><br><a href="#">Entrez Gene 7289 Human</a><br><a href="#">O75386</a>             |



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**Background:**

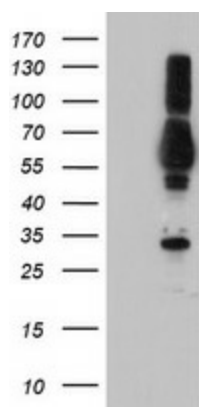
This gene encodes a member of the tubby gene family of bipartite transcription factors. Members of this family have been identified in plants, vertebrates, and invertebrates, and they share a conserved N-terminal transcription activation region and a conserved C-terminal DNA and phosphatidylinositol-phosphate binding region. The encoded protein binds to phosphoinositides in the plasma membrane via its C-terminal region and probably functions as a membrane-bound transcription regulator that translocates to the nucleus in response to phosphoinositide hydrolysis, for instance, induced by G-protein-coupled-receptor signaling. It plays an important role in neuronal development and function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]

**Synonyms:**

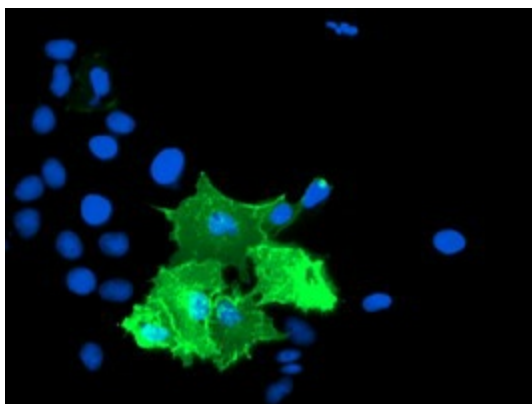
TUBL3

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TULP3 ([RC207595], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TULP3. Positive lysates [LY418767] (100ug) and [LC418767] (20ug) can be purchased separately from OriGene.



Anti-TULP3 mouse monoclonal antibody (TA504150) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY TULP3 ([RC207595]).