

Product datasheet for **CF504153**

TULP3 Mouse Monoclonal Antibody [Clone ID: OTI7B8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI7B8
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150, IF 1:100, FLOW 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:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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:	NP_003315 Entrez Gene 7289 Human O75386



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Background:

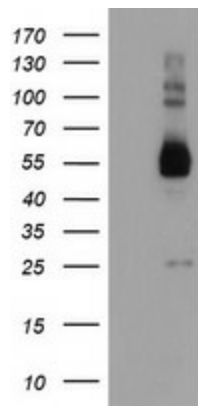
This gene encodes a member of the tubby gene family of bipartite transcription factors. Members of this family have been identified in plants, vertebrates, and invertebrates, and they share a conserved N-terminal transcription activation region and a conserved C-terminal DNA and phosphatidylinositol-phosphate 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, May 2009]

Synonyms:

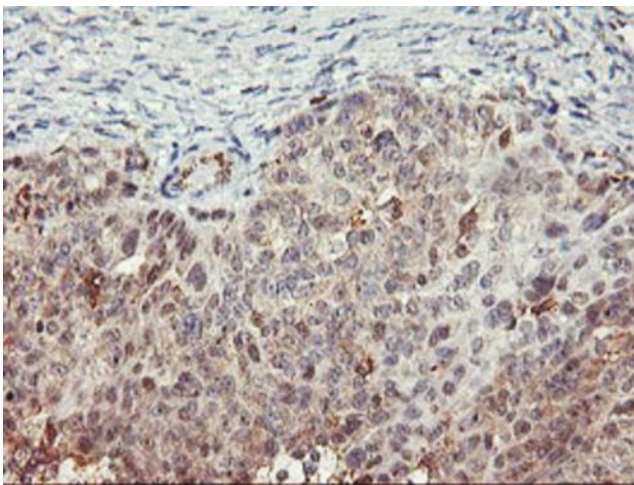
TUBL3

Protein Families:

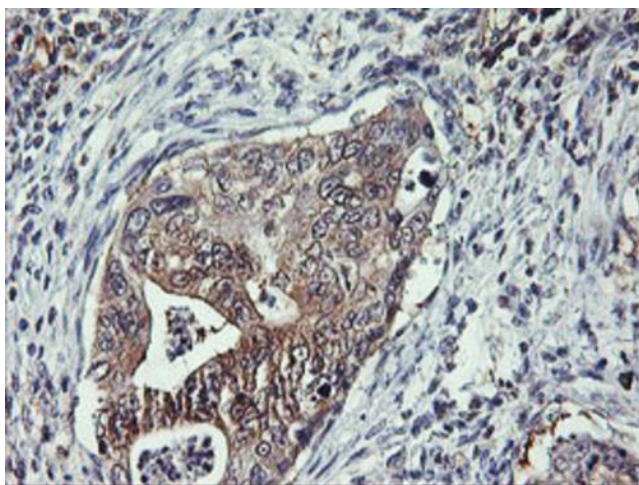
Druggable Genome, Transcription Factors

Product images:

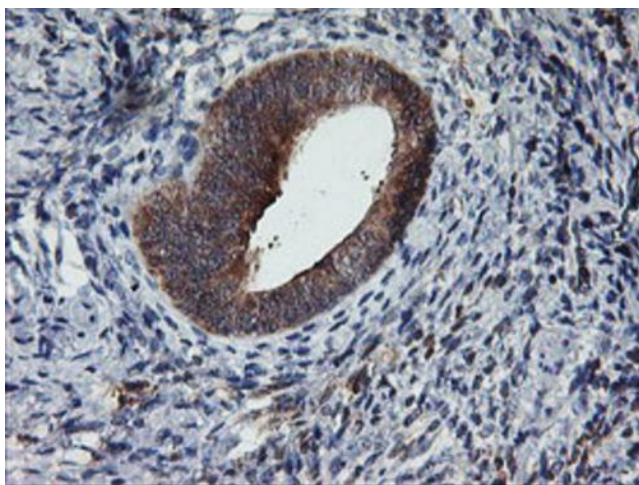
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TULP3 ([RC207595], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TULP3. Positive lysates [LY418767] (100ug) and [LC418767]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



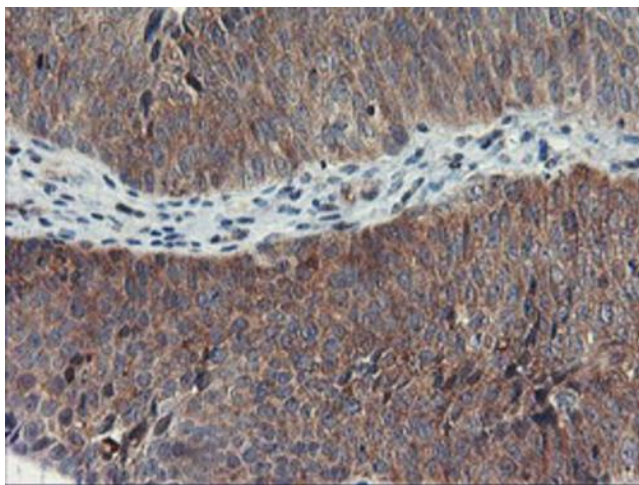
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-TULP3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



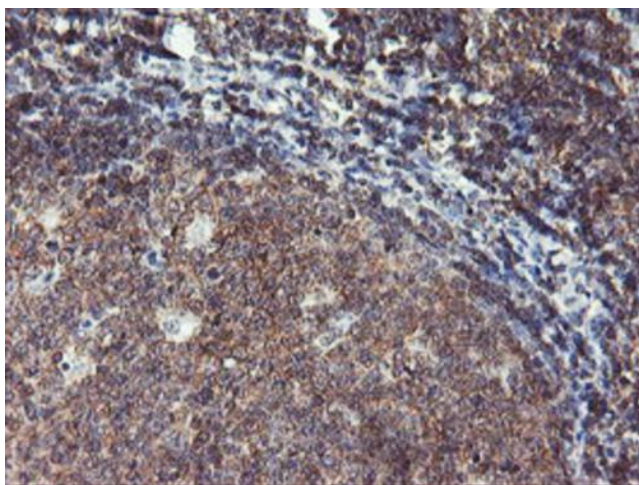
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-TULP3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



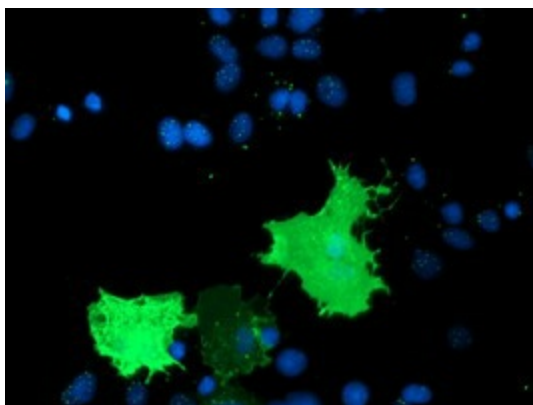
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-TULP3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



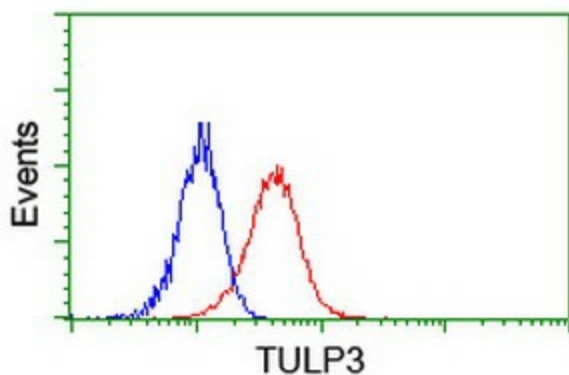
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-TULP3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-TULP3 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-TULP3 mouse monoclonal antibody ([TA504153]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY TULP3 ([RC207595]).



Flow cytometric Analysis of Jurkat cells, using anti-TULP3 antibody ([TA504153]), (Red), compared to a nonspecific negative control antibody, (Blue).