

Product datasheet for **TA334014**

TULP1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-TULP1 Antibody: synthetic peptide directed towards the middle region of human TULP1. Synthetic peptide located within the following region: EEEEAATVIKKSQKKGKAKGKGKKKAKEERAPSPPVEVDEPREFVLRPAP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	tubby like protein 1
Database Link:	NP_003313 Entrez Gene 7287 Human O00294



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Background:

TULP1 is required for normal development of photoreceptor synapses. TULP1 is also required for normal photoreceptor function and for long-term survival of photoreceptor cells. TULP1 interacts with cytoskeleton proteins and may play a role in protein transport in photoreceptor cells. TULP1 binds lipids, especially phosphatidylinositol-3-phosphate, phosphatidylinositol-4-phosphate, phosphatidylinositol-5-phosphate, phosphatidylinositol-3,4-bisphosphate, phosphatidylinositol-4,5-bisphosphate, phosphatidylinositol-3,4,5-bisphosphate, phosphatidylserine and phosphatidic acid (in vitro). This gene encodes a member of the tubby-like gene family (TULPs). Members of this family have been identified in plants, vertebrates, and invertebrates and encode proteins of unknown function. TULP proteins share a conserved C-terminal region of approximately 200 amino acid residues. Mutations in this gene may be associated with retinitis pigmentosa. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms:

LCA15; RP14; TUBL1

Note:

Immunogen sequence homology: Dog: 100%; Horse: 100%; Human: 100%; Yeast: 100%; Bovine: 100%; Rabbit: 100%; Pig: 91%; Rat: 91%; Guinea pig: 91%; Mouse: 85%

Protein Families:

Druggable Genome

Product images:


WB Suggested Anti-TULP1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human Small Intestine