

## Product datasheet for **TA333628**

### **GNGT2 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-GNGT2 Antibody: synthetic peptide directed towards the middle region of human GNGT2. Synthetic peptide located within the following region: KEVKNTRIPISKAGKEIKEYVEAQAGNDPFLKGIPEDKNPFKEKGGCLIS
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:	8 kDa
Gene Name:	G protein subunit gamma transducin 2
Database Link:	<a href="#">NP_113686</a> <a href="#">Entrez Gene 2793 Human</a> <a href="#">O14610</a>



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- Background:** Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. GNGT2 is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. The encoded protein is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. There is evidence for use of multiple polyadenylation sites by this gene.
- Synonyms:** G-GAMMA-8; G-GAMMA-C; GNG8; GNG9; GNGT8
- Note:** Immunogen sequence homology: Human: 100%; Dog: 93%; Bovine: 93%; Rabbit: 92%; Horse: 86%; Mouse: 86%; Rat: 85%; Pig: 77%; Sheep: 77%; Guinea pig: 77%
- Protein Families:** Druggable Genome
- Protein Pathways:** Chemokine signaling pathway
- Product images:**



WB Suggested Anti-GNGT2 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive  
Control: 293T cell lysate