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anti-GNGT2 antibody (Middle Region)



Image



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Quantity:	100 μL	
Target:	GNGT2	
Binding Specificity:	Middle Region	
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GNGT2 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GNGT2	
Immunogen: Sequence:	The immunogen is a synthetic peptide directed towards the middle region of human GNGT2 KEVKNTRIPI SKAGKEIKEY VEAQAGNDPF LKGIPEDKNP FKEKGGCLIS	
Sequence:	KEVKNTRIPI SKAGKEIKEY VEAQAGNDPF LKGIPEDKNP FKEKGGCLIS Cow: 93%, Dog: 93%, Guinea Pig: 77%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 92%, Rat:	
Sequence: Predicted Reactivity:	KEVKNTRIPI SKAGKEIKEY VEAQAGNDPF LKGIPEDKNP FKEKGGCLIS Cow: 93%, Dog: 93%, Guinea Pig: 77%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 92%, Rat: 85%, Sheep: 77% This is a rabbit polyclonal antibody against GNGT2. It was validated on Western Blot using a	
Sequence: Predicted Reactivity: Characteristics:	KEVKNTRIPI SKAGKEIKEY VEAQAGNDPF LKGIPEDKNP FKEKGGCLIS Cow: 93%, Dog: 93%, Guinea Pig: 77%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 92%, Rat: 85%, Sheep: 77% This is a rabbit polyclonal antibody against GNGT2. It was validated on Western Blot using a cell lysate as a positive control.	

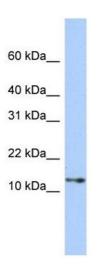
Target Details

Alternative Name:	GNGT2 (GNGT2 Products)	
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.	
	Alias Symbols: G-GAMMA-8, G-GAMMA-C, GNG8, GNG9, GNGT8	
	Protein Interaction Partner: GNB2, GNB3, GNB1, KCNJ4, GNB4,	
	Protein Size: 69	
Molecular Weight:	8 kDa	
Gene ID:	2793	
NCBI Accession:	NM_031498, NP_113686	
UniProt:	014610	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 69 AA	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %	
	sucrose.	
Preservative:	Sodium azide	
	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-GNGT2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: 293T cell lysate