

Datasheet for ABIN2786184
anti-GNGT2 antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

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
Sequence:	KEVKNTRIPI SKAGKEIKEY VEAQAGNDPF LKGIPEDKNP FKEKGGCLIS
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 77%, Horse: 86%, Human: 100%, Mouse: 86%, Rabbit: 92%, Rat: 85%, Sheep: 77%
Characteristics:	This is a rabbit polyclonal antibody against GNGT2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	GNGT2
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Target Details

Alternative Name:	GNGT2 (GNGT2 Products)
Background:	<p>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.</p> <p>Alias Symbols: G-GAMMA-8, G-GAMMA-C, GNG8, GNG9, GNGT8</p> <p>Protein Interaction Partner: GNB2, GNB3, GNB1, KCNJ4, GNB4,</p> <p>Protein Size: 69</p>
Molecular Weight:	8 kDa
Gene ID:	2793
NCBI Accession:	NM_031498 , NP_113686
UniProt:	O14610

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
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

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