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# Datasheet for ABIN2790473 anti-GNG3 antibody (Middle Region)

Image



#### Overview

Quantity:	100 µL
Target:	GNG3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Guinea Pig, Zebrafish (Danio rerio), Horse, Rabbit, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNG3 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human GNG3
Sequence:	IEASLCRIKV SKAAADLMTY CDAHACEDPL ITPVPTSENP FREKKFFCAL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against GNG3. It was validated on Western Blot.
Purification:	Affinity Purified
Target Details	

Target:	GNG3
Alternative Name:	GNG3 (GNG3 Products)

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## Target Details Guanine nucleotide binding proteins are heterotrimeric signal-transducing molecules consisting Background: of alpha, beta, and gamma subunits. The gamma subunit determines the specificity of which signaling pathways will be affected by this particular complex. The protein encoded by this gene represents the gamma subunit of both inhibitory and stimulatory complexes. Protein Interaction Partner: GNB5, GNB4, GNB1, GNB2, GNB3, Protein Size: 75 Molecular Weight: 8 kDa Gene ID: 2785 NCBI Accession: NM\_012202, NP\_036334 UniProt: P63215 Pathways: Myometrial Relaxation and Contraction

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 75 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.
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.

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#### Western Blotting

**Image 1.** WB Suggested Anti-GNG3 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Brain

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