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Datasheet for ABIN1714814 anti-GNGT1 antibody (AA 21-70)



Overview

Quantity:	100 μL	
Target:	GNGT1	
Binding Specificity:	AA 21-70	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This GNGT1 antibody is un-conjugated	
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin- embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GNGT1	
Isotype:	lgG	
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig,Horse	
Purification:	Purified by Protein A.	
Target Details		
Target:	GNGT1	
Alternative Name:	GNGT1 (GNGT1 Products)	

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Target Details		
Background:	Synonyms: G gamma 1, GNG1, GNGT1, Guanine nucleotide binding protein G, Transducin gamma chain, GBG1_HUMAN.	
	Background: Heterotrimeric guanine nucleotide-binding proteins (G proteins) transduce	
	extracellular signals received by transmembrane receptors to effector proteins. Transducin is a	
	guanine nucleotide-binding protein found specifically in rod outer segments, where it mediates	
	activation by rhodopsin of a cyclic GTP-specific (guanosine monophosphate)	
	phosphodiesterase. Transducin is also referred to as GMPase. GNGT1 encodes the gamma	
	subunit of transducin (Hurley et al., 1984 [PubMed 6438626], Scherer et al., 1996 [PubMed	
	8661128]).[supplied by OMIM, Mar 2008].	
Gene ID:	2792	
Pathways:	Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein	
	Signaling, Phototransduction	
Application Details		
Application Notes:	ELISA 1:500-1000	
	IHC-P 1:200-400	
	IHC-F 1:100-500	
	IF(IHC-P) 1:50-200	
	IF(IHC-F) 1:50-200	
	IF(ICC) 1:50-200	
	ICC 1:100-500	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.	

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Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Preservative:

Storage:

Precaution of Use:

Storage Comment:

ProClin

4 °C,-20 °C

handled by trained staff only.

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Expiry Date:

12 months

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