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anti-GNA12 antibody (Middle Region)

2 Images



Overview

Overview	
Quantity:	100 μL
Target:	GNA12
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Guinea Pig, Horse, Cow, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GNA12 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human GNA12
Sequence:	TFQLYVPALS ALWRDSGIRE AFSRRSEFQL GESVKYFLDN LDRIGQLNYF
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against GNA12. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target: GNA12

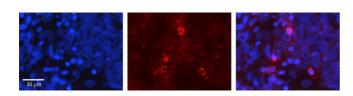
Target Details

Background: GNA12 belongs to the G-alpha family, G(12) subfamily, Guanine nucleotide binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Alias Symbols: MGC104623, MGC99644, NNX3, RMP, gep Protein Interaction Partner (NB3, ARF, UBC, LL3RA, APP, LRRK2, SUMO1, PCK1, PPP2R1A, ARHGEF11, ARHGEF12, S1PR5, AKAP13, GNA13, GNA12, S1PR4, TSHR, NAPA, RASA2, PPP5C, TEC, BTK, CDH1, TBXA2R, F2R, PRKCA, HSP90AA1, GNB1, DRDS, CDH2, CDH15, ACTB, ARHGEF28, MAPGKS, RHOA, PRKCD, PRKCB, Protein Size: 381 Molecular Weight: 44 KDa Gene ID: 2768 NCBI Accession: NML007353, NP_031379 UniProt: Q03113 Application Details Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Comment: Antigen size: 381 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: 4void repeated freeze-thaw cycles.	Alternative Name:	GNA12 (GNA12 Products)
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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.	Concentration:	Lot specific
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should be handled by trained staff only. Handling Advice: Avoid repeated freeze-thaw cycles.	Preservative:	Sodium azide
	Precaution of Use:	
Storage: -20 °C	Handling Advice:	Avoid repeated freeze-thaw cycles.
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Storage Comment:

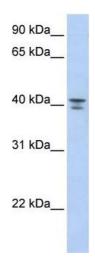
For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Rabbit Anti-GNA12 Antibody Catalog Number: ARP54813_P050 Formalin Fixed Paraffin Embedded Tissue: Human Ovary Tissue Observed Staining: Plasma membrane Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



Western Blotting

Image 2. WB Suggested Anti-GNA12 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Liver