



GNA11 Polyclonal Antibody

Cat #: ABP58650

Size: 30µl /100µl /200µl

Product Information

	Product Name: GNA11 Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP58650	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: The protein encoded by GNA11 belongs to the family of guanine nucleotide-binding proteins (G proteins), which function as modulators or transducers in various transmembrane signaling systems. G proteins are composed of 3 units: alpha, beta and gamma. This gene encodes one of the alpha subunits (subunit alpha-11). Mutations in this gene have been associated with hypocalciuric hypercalcemia type II (HHC2) and hypocalcemia dominant 2 (HYPOC2). Patients with HHC2 and HYPOC2 exhibit decreased or increased sensitivity, respectively, to changes in extracellular calcium concentrations. GNA11 (G Protein Subunit Alpha 11) is a Protein Coding gene. Diseases associated with GNA11 include Hypocalciuric Hypercalcemia, Type II and Hypocalcemia, Autosomal Dominant 2. Among its related pathways are Calcium signaling pathway and ADP signalling through P2Y purinoceptor 1. GNA11 (G Protein Subunit Alpha 11) is a Protein Coding gene. Diseases associated with GNA11 include Hypocalciuric Hypercalcemia, Type II and Hypocalcemia, Autosomal Dominant 2. Among its related pathways are Calcium signaling pathway and ADP signalling through P2Y purinoceptor 1.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

