

SC5A5 Polyclonal Antibody

Cat #: ABP60331

Size: 30µl /100µl /200µl

Product Information

	Product Name: SC5A5 Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP60331	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: SLC5A5 (Solute Carrier Family 5 Member 5) is a Protein Coding gene. Diseases associated with SLC5A5 include Thyroid Dyshormonogenesis 1 and Familial Thyroid Dyshormonogenesis. Among its related pathways are Insulin secretion and Metabolism. SLC5A5 encodes a member of the sodium glucose cotransporter family. The encoded protein is responsible for the uptake of iodine in tissues such as the thyroid and lactating breast tissue. The iodine taken up by the thyroid is incorporated into the metabolic regulators triiodothyronine (T3) and tetraiodothyronine (T4). Mutations in SLC5A5 are associated with thyroid dyshormonogenesis 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.

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