



ITLN1 Polyclonal Antibody

Cat #: ABP58982

Size: 30µl /100µl /200µl

Product Information

	Product Name: ITLN1 Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP58982	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: ITLN1 (Intelectin 1) is a Protein Coding gene. Diseases associated with ITLN1 include Obesity and Diabetes Mellitus, Noninsulin-Dependent. Among its related pathways are Common Cytokine Receptor Gamma-Chain Family Signaling Pathways and Innate Immune System. GO annotations related to this gene include carbohydrate binding. An important paralog of this gene is ITLN2. Lectin that specifically recognizes microbial carbohydrate chains in a calcium-dependent manner (PubMed: 11313366, PubMed: 26148048). Binds to microbial glycans that contain a terminal acyclic 1,2-diol moiety, including beta-linked D-galactofuranose (beta-Galf), D-phosphoglycerol-modified glycans, D-glycero-D-talo-oct-2-ulonic acid (KO) and 3-deoxy-D-manno-oct-2-ulonic acid (KDO) (PubMed: 26148048). Binds to glycans from Gram-positive and Gram-negative bacteria, including K. pneumoniae, S. pneumoniae, Y. enterocolitica, P. iraklis and P. vulgaris (PubMed: 26148048). Does not bind human glycans (PubMed: 26148048). Probably plays a role in the defense system against microorganisms (Probable). May function as adipokine that has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes (PubMed: 16531507). Increases AKT phosphorylation in the absence and presence of insulin (PubMed: 16531507). May interact with lactoferrin/LTF and increase its uptake, and may thereby play a role in iron absorption (PubMed: 11747454, PubMed: 23921499).

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

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