

Anti-REG3A Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18199

Product Information

Application	WB, IHC-P, E
Primary Accession	Q06141
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	19395

Additional Information

Gene ID	5068
Alias Symbol	REG3A
Other Names	REG3A, INGAP, HIP, PAP homologous protein, PAP1, REG-III, REG3, PAP-H, Reg III-alpha, REG-3-alpha, Human proislet peptide, PBCGF
Target/Specificity	Human REG3A
Reconstitution & Storage	Caprylic acid and ammonium sulfate precipitation
Precautions	Anti-REG3A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	REG3A (HGNC:8601)
Function	[Regenerating islet-derived protein 3-alpha 15 kDa form]: Bactericidal C-type lectin which acts exclusively against Gram-positive bacteria and mediates bacterial killing by binding to surface-exposed carbohydrate moieties of peptidoglycan (PubMed: 16931762). Binds membrane phospholipids and kills bacteria by forming a hexameric membrane-permeabilizing oligomeric pore (PubMed: 24256734).
Cellular Location	Secreted. Note=Found in the apical region of pancreatic acinar cells
Tissue Location	Expressed by keratinocytes (PubMed:27830702). Highly expressed in epidermal keratinocytes of psoriasis patients (at protein level) (PubMed:22727489). Constitutively expressed in intestine. Low expression is found in healthy pancreas. Overexpressed during the acute phase of pancreatitis and in some patients with chronic pancreatitis

(PubMed:1469087).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.