

## Rabbit anti-Human REG3A Polyclonal Antibody | anti-REG3A antibody

REG3A Antibody (N-term)

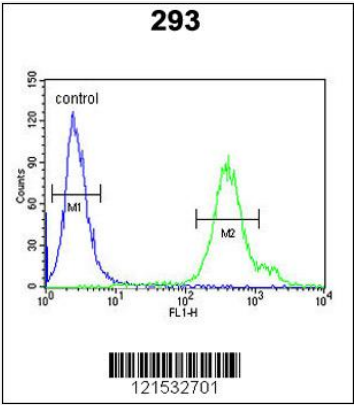
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                          |
|-----------|--------|------------|-------------------------------------------------------|
| AAA284564 | Rabbit | Human      | Flow Cytometry, Functional Assay, ELISA, Western Blot |

### PRODUCT SYNONYMS

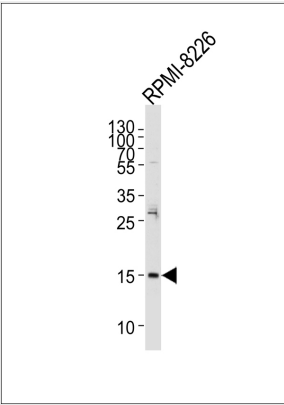
REG3A; Polyclonal Antibody; REG3A Antibody (N-term); Regenerating islet-derived protein 3-alpha; REG-3-alpha; Hepatointestinal pancreatic protein; HIP/PAP; Human proislet peptide; Pancreatitis-associated protein 1; Regenerating islet-derived protein III-alpha; Reg III-alpha; Regenerating islet-derived protein 3-alpha 165 kDa form; Regenerating islet-derived protein 3-alpha 15 kDa form; HIP; PAP; PAP1; anti-REG3A antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This REG3A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-39 amino acids from the N-terminal region of human REG3A.         |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 12-39                                                                                                                                                                        |
| Sequence Length                                 | 175                                                                                                                                                                          |
| Applicable Applications for anti-REG3A antibody | FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)                                                                                                                          |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |



**FCM/FACS (Flow Cytometry)**  
REG3A Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**WB (Western Blot)**  
Western blot analysis of lysate from RPMI-8226 cell line, using REG3A Antibody (N-term). AAA284564 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-REG3A antibody | REG3A encodes a pancreatic secretory protein that may be involved in cell proliferation or differentiation. It has similarity to the C-type lectin superfamily. The enhanced expression of this protein is observed during pancreatic inflammation and liver carcinogenesis. |
| Product Categories/Family for anti-REG3A antibody   | Cancer; Immunology                                                                                                                                                                                                                                                           |
| References                                          | Medveczky,P., et.al., Biochem. J. 420 (2), 335-343 (2009)<br>Scott,L.J., et.al, Proc. Natl. Acad. Sci. U.S.A. 106 (18), 7501-7506 (2009)<br>Mukherjee,S., et.sl., J. Biol. Chem. 284 (8), 4881-4888 (2009)                                                                   |

NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | 4505605                                                     |
| NCBI GeneID                      | 5068                                                        |
| NCBI Accession #                 | NP_002571.1; NP_620354.1; NP_620355.1                       |
| NCBI GenBank Nucleotide #        | NM_002580.2                                                 |
| UniProt Accession #              | Q06141                                                      |
| Molecular Weight                 | 19395                                                       |
| NCBI Official Full Name          | regenerating islet-derived protein 3-alpha                  |
| NCBI Official Synonym Full Names | regenerating islet-derived 3 alpha                          |
| NCBI Official Symbol             | REG3A                                                       |
| NCBI Official Synonym Symbols    | HIP; PAP; PAP1; REG3; INGAP; PAP-H; PBCGF; HIP/PAP; REG-III |
| NCBI Protein Information         | regenerating islet-derived protein 3-alpha                  |
| UniProt Protein Name             | Regenerating islet-derived protein 3-alpha                  |
| UniProt Gene Name                | REG3A                                                       |
| UniProt Synonym Gene Names       | HIP; PAP; PAP1; REG-3-alpha; HIP/PAP; Reg III-alpha         |
| UniProt Entry Name               | REG3A_HUMAN                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/reg3a-antibody-flow-cytometry-western-blot-elisa/284564>