

Rabbit REG3G Polyclonal Antibody | anti-REG3G antibody

REG3G Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326628	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

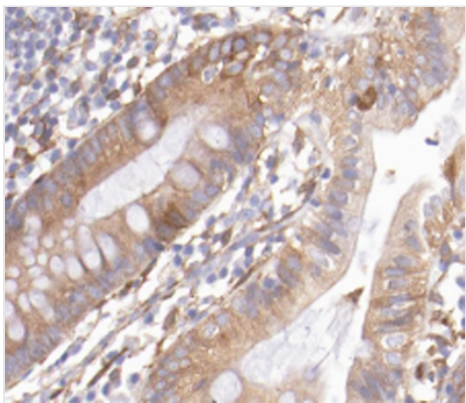
PRODUCT SYNONYMS

REG3G; Polyclonal Antibody; REG3G Antibody; LPPM429; Pancreatitis-associated protein 1B; Pancreatitis-associated protein IB; PAP IB; PAP-1B; PAP1B; PAPIB; REG III; Reg III-gamma; REG-3-gamma; REG3G_HUMAN; Regenerating islet derived 3 gamma; Regenerating islet-derived protein 3-gamma; Regenerating islet-derived protein III-gamma; UNQ429; anti-REG3G antibody

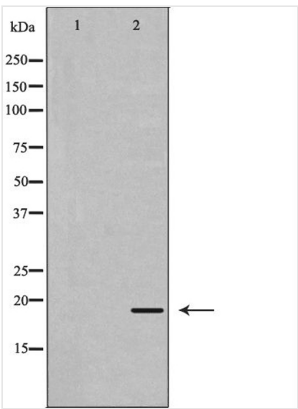
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	REG3G antibody detects endogenous levels of total REG3G
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	174
Applicable Applications for anti-REG3G antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from mouseREG3G
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326628 at 1/200 staining Human colon cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of mouse kidney tissue, using REG3G antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-REG3G antibody

The regeneration (REG) family consists of secretory proteins involved in liver, pancreatic, gastric and intestinal cell proliferation or differentiation. Members of the REG family are divided into four subclasses, designated types I, II, III and IV, all of which share a common gene structure containing five introns and six exons. Members of the Reg family have been implicated in the regulation of cell growth, tumorigenesis and the progression of cancer. Reg III? (regenerating islet-derived 3 gamma), also known as pancreatitis-associated protein 1B, PAP1B, or UNQ429, is a 175 amino acid secreted protein that is expressed almost exclusively in pancreas, with low levels of expression in testis. Reg III? functions as an antimicrobial protein involved in controlling bacterial proliferation and may be induced during acute pancreatitis. The gene encoding Reg III? maps to human chromosome 2, which houses over 1, 400 genes and comprises nearly 8% of the human genome.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755310
NCBI GeneID	19695
NCBI Accession #	NP_035390.1
NCBI GenBank Nucleotide #	NM_011260.2
UniProt Accession #	O09049
Molecular Weight	Observed: 19 kDa
NCBI Official Full Name	regenerating islet-derived protein 3-gamma preproprotein
NCBI Official Synonym Full Names	regenerating islet-derived 3 gamma
NCBI Official Symbol	Reg3g
NCBI Official Synonym Symbols	AI449515; REG-3-gamma; reg III-gamma
NCBI Protein Information	regenerating islet-derived protein 3-gamma
UniProt Protein Name	Regenerating islet-derived protein 3-gamma
UniProt Gene Name	Reg3g
UniProt Synonym Gene Names	Pap3; REG-3-gamma; Reg III-gamma

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://stage.aaabiotech.com/polyclonal/reg3g-antibody-immunohistochemistry-western-blot-elisa/326628>