

Rabbit anti-Human, mouse REG3G Polyclonal Antibody | anti-REG3G antibody

REG3G Antibody (Center)

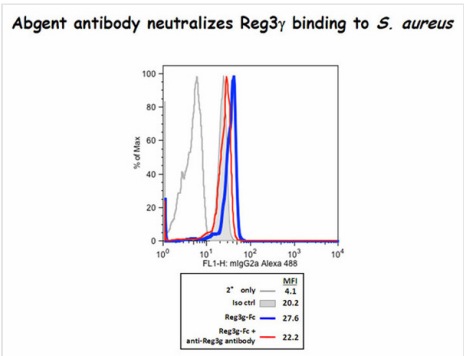
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286300	Rabbit	Human, mouse	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

REG3G; Polyclonal Antibody; REG3G Antibody (Center); Regenerating islet-derived protein 3-gamma; REG-3-gamma; Pancreatitis-associated protein 1B; PAP-1B; Pancreatitis-associated protein IB; PAP IB; Regenerating islet-derived protein III-gamma; REG III; Reg III-gamma; Regenerating islet-derived protein 3-gamma 165 kDa form; Regenerating islet-derived protein 3-gamma 15 kDa form; PAP1B; anti-REG3G antibody

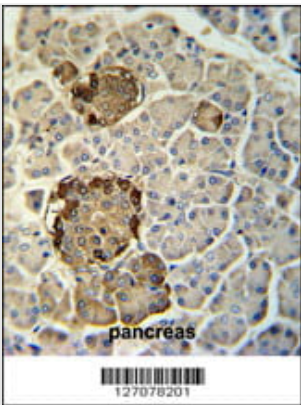
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This REG3G antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 89-116 amino acids from the Central region of human REG3G.
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: 0.25 (varies by lot)
Sequence Positions	89-116
Sequence Length	175
Applicable Applications for anti-REG3G antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
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.



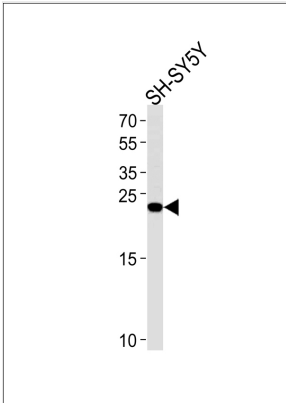
FCM/FACS (Flow Cytometry)

Reg3 γ binds to Staphylococcus aureus and the antibody did block some of this binding(Kindly offered by Dr. Choi).



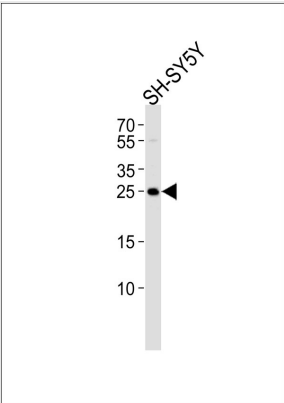
IHC (Immunohistochemisry)

REG3G Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the REG3G Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

REG3G Antibody (Center) western blot analysis in SH-SY5Y cell line lysates (35ug/lane).This demonstrates the REG3G antibody detected the REG3G protein (arrow).



WB (Western Blot)

Western blot analysis of lysate from SH-SY5Y cell line, using REG3G Antibody (Center). AAA286300 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

ADDITIONAL INFORMATION

Related Product Information for anti-REG3G antibody	REG3G might be a stress protein involved in the control of bacterial proliferation (By similarity).
Product Categories/Family for anti-REG3G antibody	Crown Antibodies; Immunology
References	Taylor-Fishwick, D.A., et al. J. Histochem. Cytochem. 56(2):183-191(2008) Hamblet, N.S., et al. Pancreas 36(1):1-9(2008) Hillier, L.W., et al. Nature 434(7034):724-731(2005) Laurine, E., et al. Biochim. Biophys. Acta 1727(3):177-187(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	56699413
NCBI GeneID	130120
NCBI Accession #	NP_001008388.1; NP_001256969.1; NP_940850.1
NCBI GenBank Nucleotide #	NM_001008387.2
UniProt Accession #	Q6UW15; Q3SYE4; Q3SYE6; Q6FH18; A8K980; D6W5J6

Molecular Weight	19330
NCBI Official Full Name	regenerating islet-derived protein 3-gamma isoform 1 preproprotein
NCBI Official Synonym Full Names	regenerating islet-derived 3 gamma
NCBI Official Symbol	REG3G
NCBI Official Synonym Symbols	PAP1B; PAPIB; PAP IB; PAP-1B; UNQ429; LPPM429; REG III; REG-III
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	PAP1B; REG-3-gamma; PAP-1B; PAP IB; REG III; Reg III-gamma
UniProt Entry Name	REG3G_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/reg3g-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/286300>