

Rabbit REG3G Polyclonal Antibody | anti-REG3G antibody

REG3G antibody

CATALOG # AAA306954	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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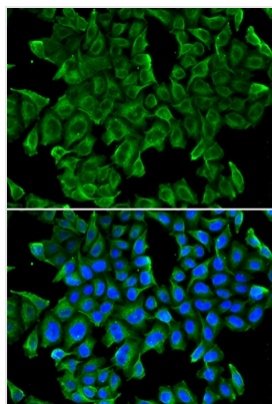
PRODUCT SYNONYMS

REG3G; Polyclonal Antibody; REG3G antibody; AI449515; anti-REG3G antibody

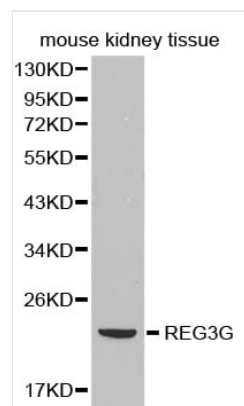
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total REG3G antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	174
Applicable Applications for anti-REG3G antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of mouse REG3G.
Target Name	REG3G
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cell using REG3G antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of mouse kidney tissue, using REG3G antibody.

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.
Product Categories/Family for anti-REG3G antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755310
NCBI GeneID	130120
NCBI Accession #	NP_035390.1
NCBI GenBank Nucleotide #	NM_011260.1
UniProt Accession #	O09049
Molecular Weight	19kDa
NCBI Official Full Name	regenerating islet-derived protein 3-gamma
NCBI Official Synonym Full Names	regenerating islet-derived 3 gamma
NCBI Official Symbol	Reg3g
NCBI Official Synonym Symbols	AI449515
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
UniProt Entry Name	REG3G_MOUSE

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-immunofluorescence-western-blot-elisa/306954>