

Rabbit anti-Human GP2 Polyclonal Antibody | anti-GP2 antibody

GP2 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283926	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

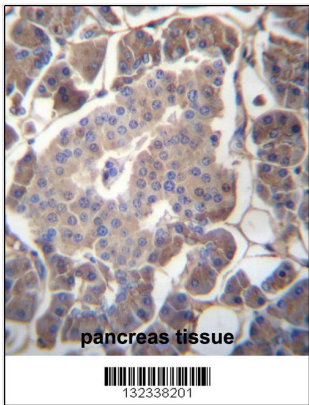
PRODUCT SYNONYMS

GP2; Polyclonal Antibody; GP2 Antibody (N-term); Pancreatic secretory granule membrane major glycoprotein GP2; Pancreatic zymogen granule membrane protein GP-2; ZAP75; anti-GP2 antibody

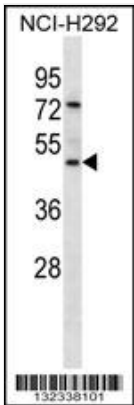
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 55-84 amino acids from the N-terminal region of human GP2.
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	55-84
Sequence Length	537
Applicable Applications for anti-GP2 antibody	IHC (Immunohistochemistry), 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.

IMAGES



IHC (Immunohiostchemistry)
GP2 Antibody (N-term) 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 GP2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GP2 Antibody (N-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the GP2 antibody detected the GP2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GP2 antibody	The specific function of this protein remains unknown.
Product Categories/Family for anti-GP2 antibody	Microbiology
References	Kottgen, A., et al. Nat. Genet. 42(5):376-384(2010) Masson, E., et al. Pancreas 39(3):353-358(2010) Witt, H., et al. Pancreas 39(2):188-192(2010) Boulling, A., et al. Mol. Genet. Metab. 99(3):319-324(2010) Hase, K., et al. Nature 462(7270):226-230(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119220569
NCBI GeneID	2813
NCBI Accession #	NP_001007241.2; NP_001007242.2; NP_001007243.2; NP_001493.2
NCBI GenBank Nucleotide #	NM_001007240.2
UniProt Accession #	P55259; Q13338; Q9UIF1; A6NFM9; A6NJA8
Molecular Weight	59480
NCBI Official Full Name	pancreatic secretory granule membrane major glycoprotein GP2 isoform 1 preproprotein
NCBI Official Synonym Full Names	glycoprotein 2 (zymogen granule membrane)
NCBI Official Symbol	GP2
NCBI Official Synonym Symbols	ZAP75
NCBI Protein Information	pancreatic secretory granule membrane major glycoprotein GP2
UniProt Protein Name	Pancreatic secretory granule membrane major glycoprotein GP2
UniProt Gene Name	GP2
UniProt Entry Name	GP2_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/gp2-antibody-immunohistochemistry-western-blot-elisa/283926>