

Rabbit GP2 Polyclonal Antibody | anti-GP2 antibody

GP2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199462	Rabbit	Cow, Horse, Human, Mouse, Pig, Rat	Western Blot, Immunohistochemistry

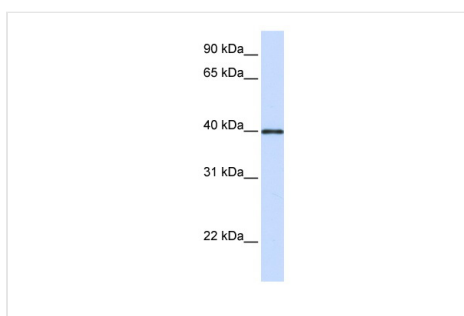
PRODUCT SYNONYMS

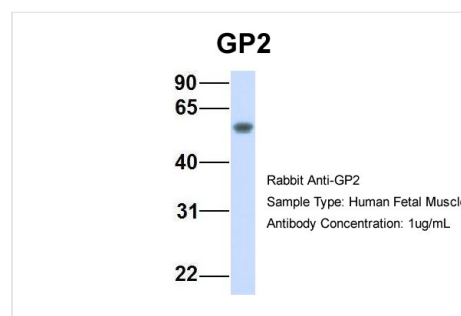
GP2; Polyclonal Antibody; GP2 antibody - middle region; anti-GP2 antibody

PRODUCT SPECIFICATIONS

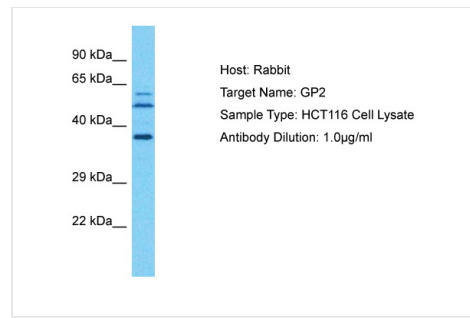
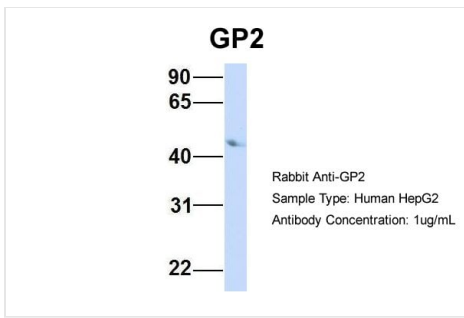
Host	Rabbit
Reactivity	Cow, Horse, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SL QAALQPIVSS LNVSDGNGE FIVRMALFQD QNYTNPYEGD AVELSVES
Sequence Length	390
Applicable Applications for anti-GP2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 79%; Horse: 92%; Human: 100%; Mouse: 92%; Pig: 79%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GP2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

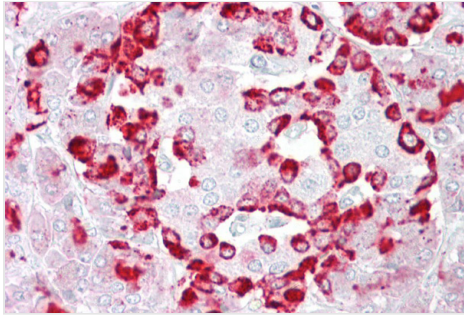
WB Suggested Anti-GP2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: Human heart

WB (Western Blot)

Host: Rabbit
Target Name: GP2
Sample Type: Human Fetal Muscle
Antibody Dilution: 1.0ug/ml



WB (Western Blot)

Host: RabbitTarget Name: GP2Sample Type: HepG2Antibody Dilution: 1.0ug/mlThere is BioGPS gene expression data showing that GP2 is expressed in HepG2



IHC (Immunohistochemistry)

Sample Type: Human PancreasAnti-GP2 antibody IHC staining of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)

Host: RabbitTarget Name: GP2Sample Tissue: Human HCT116 Whole CellAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-GP2 antibody	This is a rabbit polyclonal antibody against GP2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: GP2 is component of pancreatic secretory (zymogen) granule. The exact function of GP2 remains unknown.
Product Categories/Family for anti-GP2 antibody	Polyclonal; Membrane Protein; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	119220572
NCBI GeneID	2813
NCBI Accession #	NP_001007242
NCBI GenBank Nucleotide #	NM_001007241
UniProt Accession #	P55259
Molecular Weight	43kDa
NCBI Official Full Name	pancreatic secretory granule membrane major glycoprotein GP2 isoform 3
NCBI Official Synonym Full Names	glycoprotein 2
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://stage.aaabiotech.com/polyclonal/gp2-antibody-western-blot-immunohistochemistry-elisa/199462>