

Rabbit anti-Human, Mouse PIG-Y Polyclonal Antibody | anti-PIGY antibody

PIG-Y Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39280	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

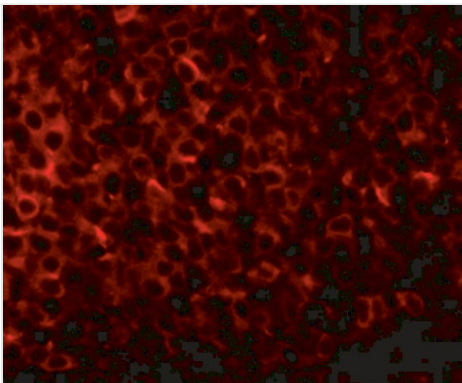
PRODUCT SYNONYMS

PIG-Y; Polyclonal Antibody; PIG-Y Antibody; Phosphatidylinositol N-acetylglucosaminyltransferase subunit Y; Phosphatidylinositol-glycan biosynthesis class Y protein; phosphatidylinositol glycan anchor biosynthesis; class Y; anti-PIGY antibody

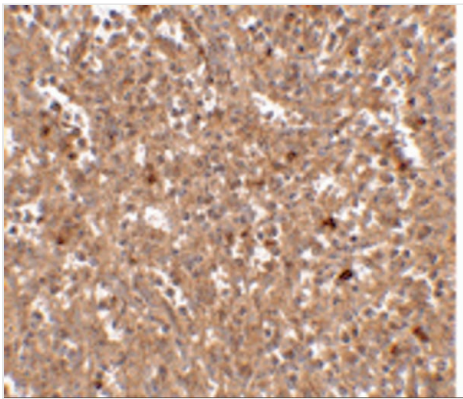
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody only detects isoform 1 of PIG-Y.
Purity/Purification	PIG-Y Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	114
Applicable Applications for anti-PIGY antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	PIG-Y antibody was raised against a 16 amino acid synthetic peptide near the center of human PIG-Y.
Buffer	PIG-Y Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	PIG-Y antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

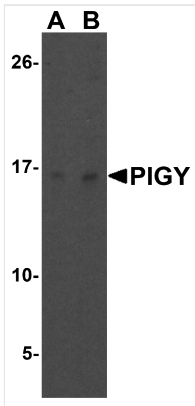
IMAGES



IF (Immunofluorescence)
Immunofluorescence of PIGY in human spleen tissue with PIGY1 antibody at 20 μ g/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of PIG-Y in human spleen tissue with PIG-Y antibody at 2.5 μ g/mL.



WB (Western Blot)
Western blot analysis of PIG-Y in human liver tissue lysate with PIG-Y antibody at (A) 1 and (B) 2 μ g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PIGY antibody	PIG-Y Antibody: Glycosylphosphatidylinositol (GPI) lipid anchoring is an important post-translational modification of proteins that takes place in the endoplasmic reticulum. The synthesis of GPI is initiated by GPI-N-acetylglucosaminyltransferase (GPI-GnT), a complex of proteins including PIG-A, PIG-H, PIG-C, GPI1, and DPM2. PIG-Y, the mammalian homolog to yeast Eri1p, is also thought to be involved in the biosynthesis of GPI. The PIG-Y gene encodes two proteins, one of which arises from leaky scanning of the mRNA.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14249680
NCBI GeneID	100996939
NCBI Accession #	NP_116295
NCBI GenBank Nucleotide #	NM_032906.4
UniProt Accession #	Q3MUY2; B2R571; Q96I23
Molecular Weight	12,655 Da
NCBI Official Full Name	protein preY, mitochondrial
NCBI Official Synonym Full Names	PIGY upstream reading frame
NCBI Official Symbol	PYURF

NCBI Official Synonym Symbols	PREY
NCBI Protein Information	protein preY, mitochondrial; PIGY upstream reading frame protein
UniProt Protein Name	Protein preY, mitochondrial
UniProt Gene Name	PYURF
UniProt Synonym Gene Names	PREY
UniProt Entry Name	PREY_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/pig-y-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39280>