

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

PIG-Y Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306780	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

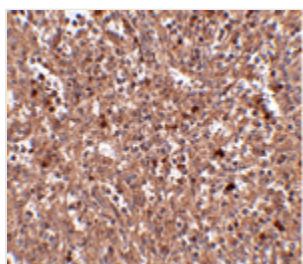
PRODUCT SYNONYMS

PIG-Y; Polyclonal Antibody; PIG-Y Antibody; Phosphatidylinositol glycan anchor biosynthesis class Y; PreY; PIGY; anti-PIG-Y antibody

PRODUCT SPECIFICATIONS

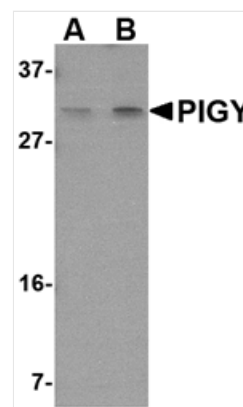
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	This antibody only detects isoform 1 of PIG-Y.
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	114
Applicable Applications for anti-PIG-Y antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide near the center of human PIG-Y.
Target Name	PIG-Y
Preparation and Storage	Can be stored at -20 degree C, stable for 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



IHC (Immunohistochemistry)

Immunohistochemistry of PIG-Y in human spleen tissue with PIG-Y antibody at 2.5 ug/mL.



WB (Western Blot)

Western blot analysis of PIG-Y in human spleen tissue lysate with PIG-Y antibody at (A) 1 and (B) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-PIG-Y antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	14249680
NCBI GeneID	100996939
NCBI Accession #	NP_116295
NCBI GenBank Nucleotide #	NM_032906.4
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
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-immunohistochemistry-western-blot-elisa/306780>