

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

PIGB Antibody (N-term)

CATALOG # AAA287308	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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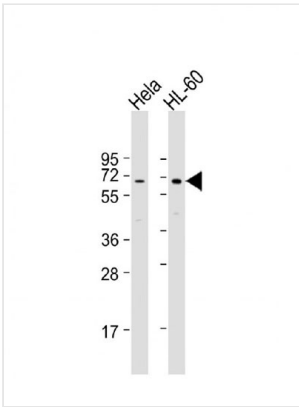
PRODUCT SYNONYMS

PIGB; Polyclonal Antibody; PIGB Antibody (N-term); GPI mannosyltransferase 3; 241-; GPI mannosyltransferase III; GPI-MT-III; Phosphatidylinositol-glycan biosynthesis class B protein; PIG-B; anti-PIGB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PIGB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-56 amino acids from the N-terminal region of human PIGB.
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.
Sequence Positions	28-56
Sequence Length	554
Applicable Applications for anti-PIGB antibody	ELISA, WB (Western Blot)
Function	Mannosyltransferase involved in glycosylphosphatidylinositol- anchor biosynthesis. Transfers the third alpha-1,2-mannose to Man2- GlcN-acyl-PI during GPI precursor assembly.
Cellular Location	Endoplasmic reticulum membrane; Multi-pass membrane protein
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



WB (Western Blot)
All lanes : Anti-PIGB Antibody (N-term) at 1:1000 dilution Lane 1: Hela whole cell lysate
Lane 2: HL-60 whole cell lysate Lysates/proteins at 20 ?g per lane. Secondary Goat Anti-
Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-PIGB antibody	This gene encodes a transmembrane protein that is located in the endoplasmic reticulum and is involved in GPI-anchor biosynthesis. The glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene is thought to encode a member of a family of dolichol-phosphate-mannose (Dol-P-Man) dependent mannosyltransferases.
References	Rose, J. Phd, et al. Mol. Med. (2010) In press : Hwang, G.W., et al. J Toxicol Sci 32(5):581-583(2007) Anikster, Y., et al. Am. J. Hum. Genet. 71(2):407-414(2002) Kinoshita, T., et al. Curr Opin Chem Biol 4(6):632-638(2000) Takahashi, M., et al. EMBO J. 15(16):4254-4261(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	110224465
NCBI GeneID	9488
NCBI Accession #	NP_004846.4
NCBI GenBank Nucleotide #	NM_004855.4
UniProt Accession #	Q92521; Q53FF9; Q8WVN7
Molecular Weight	65056
NCBI Official Full Name	GPI mannosyltransferase 3
NCBI Official Synonym Full Names	phosphatidylinositol glycan anchor biosynthesis, class B
NCBI Official Symbol	PIGB
NCBI Official Synonym Symbols	PIG-B; GPI-MT-III
NCBI Protein Information	GPI mannosyltransferase 3
UniProt Protein Name	GPI mannosyltransferase 3
UniProt Gene Name	PIGB

UniProt Synonym Gene Names	GPI-MT-III; PIG-B
UniProt Entry Name	PIGB_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/pigb-antibody-western-blot-elisa/287308>