

Rabbit anti-Human, Mouse PIGP Polyclonal Antibody | anti-PIGP antibody

PIGP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328094	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

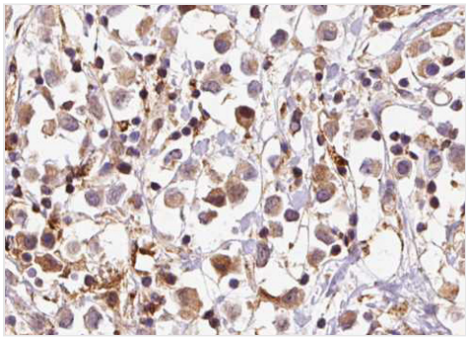
PRODUCT SYNONYMS

PIGP; Polyclonal Antibody; PIGP Antibody; anti-PIGP antibody

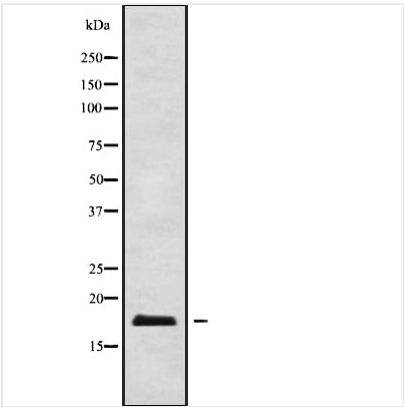
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	PIGP antibody detects endogenous levels of total PIGP
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	134
Applicable Applications for anti-PIGP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PIGP
Subcellular Location	Membrane.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA328094 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of PIGP using Jurkat whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-PIGP antibody	Function: Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis. Subunit Structure: Associates with PIGA, PIGC, PIGH, PIGQ and DPM2. The latter is not essential for activity. Similarity: Belongs to the PIGP family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1001184366
NCBI GeneID	51227
NCBI Accession #	NP_001307409.1
NCBI GenBank Nucleotide #	NM_001320480.1
UniProt Accession #	P57054; Q53Y28; Q96K11; Q9NZA6; A0A0C4DH71; B2RB18; B2RE99; B5BU92; D3DSG7; J3KR75
Molecular Weight	Observed: 18 kDa Predicted: 19 kDa
NCBI Official Full Name	phosphatidylinositol N-acetylglucosaminyltransferase subunit P isoform 2
NCBI Official Synonym Full Names	phosphatidylinositol glycan anchor biosynthesis class P
NCBI Official Symbol	PIGP
NCBI Official Synonym Symbols	DCRC; DSRC; DSCR5; PIG-P; DCRC-S; EIEE55
NCBI Protein Information	phosphatidylinositol N-acetylglucosaminyltransferase subunit P
UniProt Protein Name	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P
UniProt Gene Name	PIGP
UniProt Synonym Gene Names	DCRC; DSCR5; DSCRC; PIG-P

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.