

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

PIGX Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324951	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

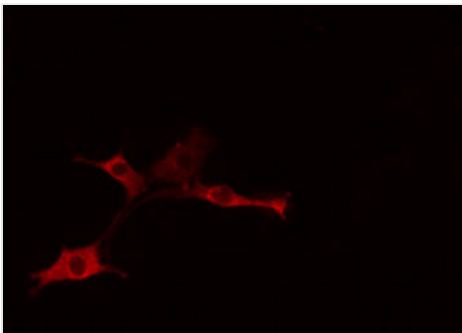
PRODUCT SYNONYMS

PIGX; Polyclonal Antibody; PIGX Antibody; GPI mannosyltransferase subunit; Phosphatidylinositol glycan class X; Phosphatidylinositol-glycan biosynthesis class X protein; PIG-X; Pigx; PIGX_HUMAN; anti-PIGX antibody

PRODUCT SPECIFICATIONS

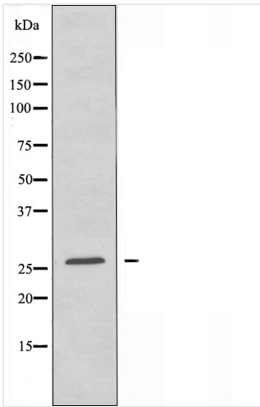
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	PIGX antibody detects endogenous levels of total PIGX
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	276
Applicable Applications for anti-PIGX antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endoplasmic Reticulum Membrane.
Predicted Cross Reactivity	Pig, Bovine, Horse, Dog
Similarity	Pig (91%), Bovine (91%), Horse (82%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA324951 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO cells using PIGX antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PIGX antibody

Function: Essential component of glycosylphosphatidylinositol-mannosyltransferase 1 which transfers the first of the 4 mannoses in the GPI-anchor precursors during GPI-anchor biosynthesis. Probably acts by stabilizing the mannosyltransferase PIGM (By similarity).
Subunit Structure: Interacts with PIGM.
Post-translational Modifications: N-glycosylated.
Similarity: Belongs to the PIGX family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	261490708
NCBI GeneID	54965
NCBI Accession #	NP_001159776.1
NCBI GenBank Nucleotide #	NM_001166304.1
UniProt Accession #	Q8TBF5; Q9NWZ2
Molecular Weight	Observed: 26 kD Predicted: 29 kDa
NCBI Official Full Name	phosphatidylinositol-glycan biosynthesis class X protein isoform 1
NCBI Official Synonym Full Names	phosphatidylinositol glycan anchor biosynthesis class X
NCBI Official Symbol	PIGX
NCBI Official Synonym Symbols	PIG-X
NCBI Protein Information	phosphatidylinositol-glycan biosynthesis class X protein
UniProt Protein Name	Phosphatidylinositol-glycan biosynthesis class X protein
UniProt Gene Name	PIGX
UniProt Synonym Gene Names	PIG-X

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.