

Rabbit GPI8 Polyclonal Antibody | anti-PIGK antibody

GPI8 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288197	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Pig)	Immunohistochemistry, ELISA, Western Blot

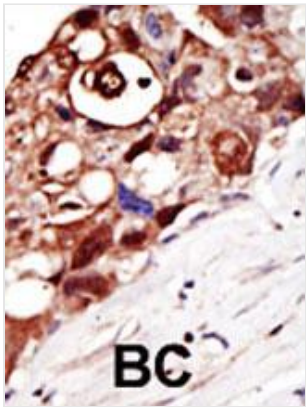
PRODUCT SYNONYMS

GPI8; Polyclonal Antibody; GPI8 Antibody (N-term); GPI-anchor transamidase; GPI transamidase; 3---; GPI8 homolog; hGPI8; Phosphatidylinositol-glycan biosynthesis class K protein; PIG-K; PIGK; anti-PIGK antibody

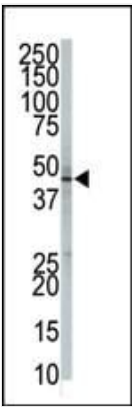
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPI8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 37-68 amino acids from the N-terminal region of human GPI8.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	37-68
Sequence Length	395
Applicable Applications for anti-PIGK antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
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



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-GPI8 Pab is used in Western blot to detect GPI8 in 293 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PIGK antibody	GPI8 is a member of the cysteine protease family C13 that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This protein is a member of the multisubunit enzyme, GPI transamidase and is thought to be its enzymatic component. GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins.
Product Categories/Family for anti-PIGK antibody	Signal Transduction
References	Ohishi, K., et al., J. Biol. Chem. 278(16):13959-13967 (2003). Vainauskas, S., et al., J. Biol. Chem. 277(34):30535-30542 (2002). Ohishi, K., et al., EMBO J. 20(15):4088-4098 (2001). Meyer, U., et al., Biochemistry 39(12):3461-3471 (2000). Yu, J., et al., Proc. Natl. Acad. Sci. U.S.A. 94(23):12580-12585 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	23199983
NCBI GeneID	10026
NCBI Accession #	NP_005473.1
NCBI GenBank Nucleotide #	NM_005482.2
UniProt Accession #	Q92643; O14822; Q5TG77; B2R7K3; B4E2M3
Molecular Weight	45252
NCBI Official Full Name	GPI-anchor transamidase
NCBI Official Synonym Full Names	phosphatidylinositol glycan anchor biosynthesis, class K
NCBI Official Symbol	PIGK
NCBI Official Synonym Symbols	GPI8
NCBI Protein Information	GPI-anchor transamidase
UniProt Protein Name	GPI-anchor transamidase
UniProt Gene Name	PIGK
UniProt Synonym Gene Names	GPI8; GPI transamidase; hGPI8; PIG-K

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/gpi8-antibody-immunohistochemistry-western-blot-elisa/288197>