

PIGO rabbit monoclonal antibody

Catalog # H00084720-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PIGO peptide using ARM Technology.
Immunogen	A synthetic peptide of human PIGO is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PIGO peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PIGO

Entrez GeneID [84720](#)

GeneBank Accession# [PIGO](#)

Gene Name PIGO

Gene Alias DKFZp434M222, FLJ00135, MGC20536, MGC3079, RP11-182N22.4

Gene Description phosphatidylinositol glycan anchor biosynthesis, class O

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid which contains three mannose molecules in its core backbone. The GPI-anchor is found on many blood cells and serves to anchor proteins to the cell surface. This protein is involved in the transfer of ethanolaminephosphate (EtNP) to the third mannose in GPI. At least two alternatively spliced transcripts encoding distinct isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000021324|OTTHUMP00000021325|phosphatidylinositol glycan, class O

Pathway

- [Glycosylphosphatidylinositol\(GPI\)-anchor biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)