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anti-PIGQ antibody (N-Term)



Image



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Overview

Quantity:	100 μL
Target:	PIGQ
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Guinea Pig, Horse, Rabbit, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIGQ antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PIGQ
Sequence:	VLHFPFIPIQ VKQLLAQVRQ ASQVGVAVLG TWCHCRQEPE ESLGRFLESL
Predicted Reactivity:	Cow: 92%, Guinea Pig: 83%, Horse: 85%, Human: 100%, Mouse: 83%, Pig: 92%, Rabbit: 85%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against PIGQ. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

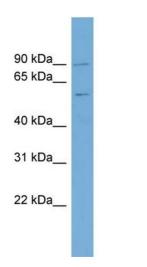
Target:	PIGQ
Alternative Name:	PIGQ (PIGQ Products)

Target Details

Background:	PIGQ is involved in the first step 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. PIGQ is a N-acetylglucosaminyl transferase component that is part of the complex that
	catalyzes transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc to phosphatidylinositol
	(PI).
	Alias Symbols: GPI1, MGC12693, c407A10.1, hGPI1
	Protein Interaction Partner: SMAD1, UBC, PIGC, PIGH, PIGA, PIGP,
	Protein Size: 760
Molecular Weight:	84 kDa
Gene ID:	9091
NCBI Accession:	NM_148920, NP_683721
UniProt:	Q9BRB3
Pathways:	Inositol Metabolic Process
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 760 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
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aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-PIGQ Antibody Catalog Number: ARP46415 Lot Number: QC16343 Lane: NCI-H226 Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 12%

Western Blotting

Image 1. WB Suggested Anti-PIGQ Antibody Titration: 0.2-1 ug/ml Positive Control: NCI-H226 cell lysate