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anti-PIGV antibody (AA 400-469)

3 Images



Go to Product page

Overview

Quantity:	100 μg
Target:	PIGV
Binding Specificity:	AA 400-469
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIGV antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human GPI mannosyltransferase 2 protein (400-469AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PIGV
Alternative Name:	PIGV (PIGV Products)
Background:	Background: Alpha-1,6-mannosyltransferase involved in glycosylphosphatidylinositol-anchor biosynthesis. Transfers the second mannose to the glycosylphosphatidylinositol during GPI

Storage:

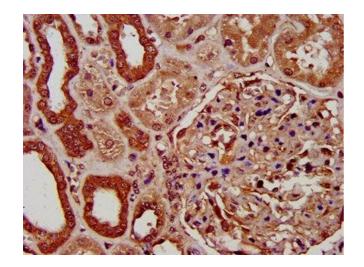
Storage Comment:

Target Details	
	precursor assembly. Aliases: GPI mannosyltransferase 2 antibody, GPI mannosyltransferase II antibody, GPI MT II antibody, GPI-MT-II antibody, Phosphatidylinositol glycan biosynthesis class V protein antibody, Phosphatidylinositol-glycan biosynthesis class V protein antibody, PIG-V antibody, Pigv antibody, PIGV_HUMAN antibody
UniProt:	Q9NUD9
Pathways:	Inositol Metabolic Process
Application Details	
Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

handled by trained staff only.

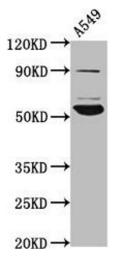
-20 °C,-80 °C

Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



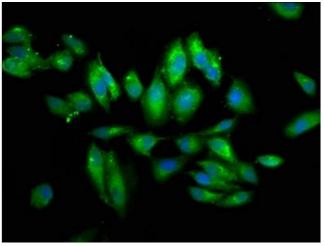
Immunohistochemistry

Image 1. IHC image of ABIN7154344 diluted at 1:200 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate All lanes: PIGV antibody at $4.6 \,\mu\text{g/mL}$ Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: $56 \,\text{kDa}$ Observed band size: $56 \,\text{kDa}$



Immunofluorescence

Image 3. Immunofluorescence staining of Hela cells with ABIN7154344 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).