

Datasheet for ABIN2782920
anti-PIGV antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	PIGV
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Dog, Mouse, Rabbit, Cow, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIGV antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PIGV
Sequence:	FVDQLVEGLL GGLSHWDAEH FLFIAEHGYL YEHNFAFFPG FPLALLVGTE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against PIGV. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	PIGV
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Target Details

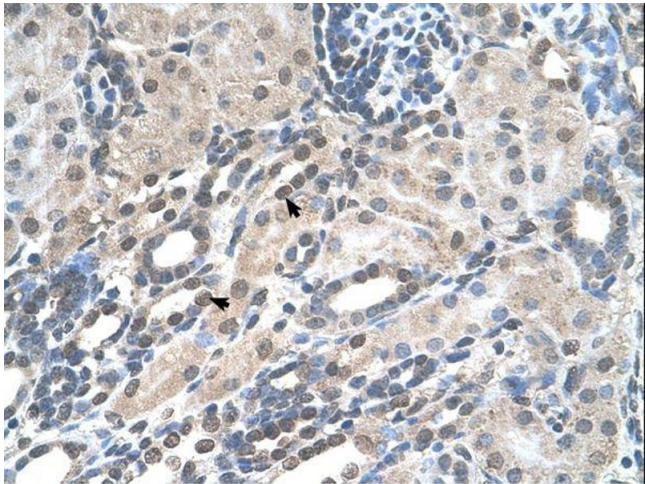
Alternative Name:	PIGV (PIGV Products)
Background:	<p>Glycosylphosphatidylinositol (GPI) is a complex glycolipid that anchors many proteins to the cell surface. The biosynthetic pathway of GPI is mediated by sequential addition of sugars and other components to phosphatidylinositol. PIGV adds the second mannose to the GPI core.</p> <p>Alias Symbols: FLJ20477, PIG-V, GPI-MT-II</p> <p>Protein Interaction Partner: BAG3, UBC,</p> <p>Protein Size: 493</p>
Molecular Weight:	56 kDa
Gene ID:	55650
NCBI Accession:	NM_017837 , NP_060307
UniProt:	Q9NUD9
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 493 AA
Restrictions:	For Research Use only

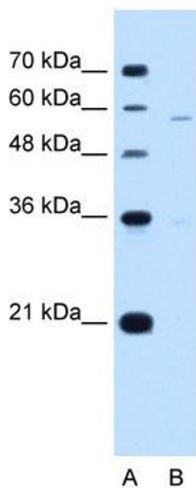
Handling

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 aliquots to prevent freeze-thaw cycles.



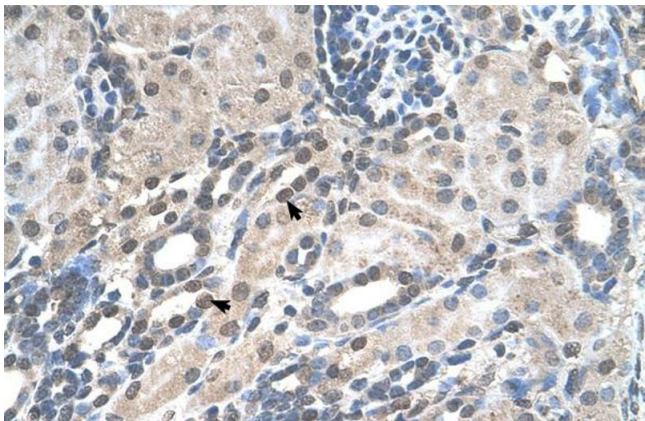
Immunohistochemistry

Image 1.



Western Blotting

Image 2. WB Suggested Anti-PIGV Antibody Titration: 5.0ug/ml Positive Control: Jurkat cell lysate



Immunohistochemistry

Image 3. Human kidney