

Datasheet for ABIN2783660
anti-PIGW antibody (Middle Region)[Go to Product page](#)

1 Image

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PIGW
Sequence:	IALGITVLYQ LALDFTSLKR LILYGTGSG TRVGLLNANR EGIISTLGYV
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against PIGW. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	PIGW
Alternative Name:	PIGW (PIGW Products)

Target Details

Background:	<p>Glycosylphosphatidylinositol (GPI) is a complex glycolipid that anchors many proteins to the cell surface. PIGW acts in the third step of GPI biosynthesis and acylates the inositol ring of phosphatidylinositol. Glycosylphosphatidylinositol (GPI) is a complex glycolipid that anchors many proteins to the cell surface. PIGW acts in the third step of GPI biosynthesis and acylates the inositol ring of phosphatidylinositol (Murakami et al., 2003 [PubMed 14517336]). [supplied by OMIM]. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-430 AK094752.1 1-430 431-1570 AB097818.1 376-1515 1571-2255 AK094752.1 1571-2255</p> <p>Alias Symbols: FLJ37433, Gwt1</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 504</p>
Molecular Weight:	57 kDa
Gene ID:	284098
NCBI Accession:	NM_178517 , NP_848612
UniProt:	Q7Z7B1
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 504 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.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-PIGW Antibody Titration: 0.2-1 ug/ml Positive Control: NTERA2 cell lysate