

Datasheet for ABIN2782188  
**anti-PIGA antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

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

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human PIGA
Sequence:	NHIICVSYTS KENTVLRAAL NPEIVSVIPN AVDPTDFTPD PFRRHDSITI
Predicted Reactivity:	Cow: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against PIGA. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	PIGA
Alternative Name:	PIGA ( <a href="#">PIGA Products</a> )

## Target Details

Background:	<p>PIGA is a protein required for synthesis of N-acetylglucosaminyl phosphatidylinositol (GlcNAc-PI), the first intermediate in the biosynthetic pathway of GPI anchor. The GPI anchor is a glycolipid found on many blood cells and which serves to anchor proteins to the cell surface. Paroxysmal nocturnal hemoglobinuria, an acquired hematologic disorder, has been shown to result from mutations in this gene.</p> <p>Alias Symbols: GPI3, PIG-A</p> <p>Protein Interaction Partner: UBC, ELAVL1, PIGY, DPM2, PIGQ, PIGH, PIGP,</p> <p>Protein Size: 484</p>
Molecular Weight:	54 kDa
Gene ID:	5277
NCBI Accession:	<a href="#">NM_002641</a> , <a href="#">NP_002632</a>
UniProt:	<a href="#">P37287</a>
Pathways:	<a href="#">Inositol Metabolic Process</a>

## Application Details

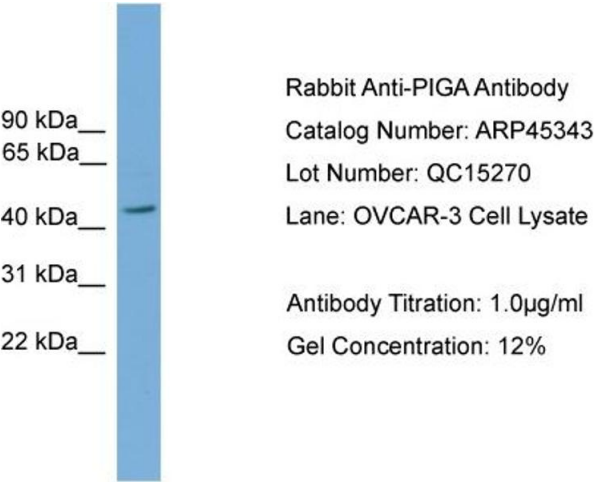
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 484 AA
Restrictions:	For Research Use only

## 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.

Images

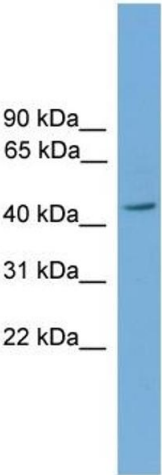


**Western Blotting**

**Image 1.** WB Suggested Anti-PIGA

Antibody Titration: 0.2-1 µg/mL

Positive Control: OVCAR-3 cell lysate



**Western Blotting**

**Image 2.** WB Suggested Anti-PIGA Antibody Titration: 0.2-1 µg/mL Positive Control: OVCAR-3 cell lysate