

## Datasheet for ABIN1421096 **anti-PIGA antibody (Cy7)**

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### Overview

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                          |
| Target:      | PIGA                                                                            |
| Reactivity:  | Human, Mouse, Rat                                                               |
| Host:        | Rabbit                                                                          |
| Clonality:   | Polyclonal                                                                      |
| Conjugate:   | This PIGA antibody is conjugated to Cy7                                         |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human PIGA |
| Isotype:          | IgG                                                      |
| Cross-Reactivity: | Human, Mouse, Rat                                        |
| Purification:     | Purified by Protein A.                                   |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | PIGA                                                                                                                                                                                                                                                                                                                                                                                 |
| Alternative Name: | PIGA ( <a href="#">PIGA Products</a> )                                                                                                                                                                                                                                                                                                                                               |
| Background:       | Synonyms: GlcNAc PI synthesis protein, GlcNAc-PI synthesis protein, GPI3, Phosphatidylinositol glycan anchor biosynthesis class A, phosphatidylinositol glycan anchor biosynthesis, class A paroxysmal nocturnal hemoglobinuria, Phosphatidylinositol N-acetylglucosaminyltransferase subunit A, PIG A, PIG-A, PIGA_HUMAN, Phosphatidylinositol-glycan biosynthesis class A protein, |

## Target Details

PIG-A.

Background: PIGA belongs to the glycosyltransferase 1 family and is necessary for the synthesis of N-acetylglucosaminyl-phosphatidylinositol, the very early intermediate in GPI-anchor biosynthesis. Defects in PIGA are the cause of paroxysmal nocturnal hemoglobinuria (PNH) which is an acquired hemolytic blood disorder characterized by chronic hemolysis with hemoglobinuria, increased tendency to venous thrombosis, and variable degrees of bone marrow failure.

Gene ID: 5277

Pathways: [Inositol Metabolic Process](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months