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Datasheet for ABIN656312  
**anti-PIGA antibody (C-Term)**

2 Images

Overview

Quantity:	400 µL
Target:	PIGA
Binding Specificity:	AA 455-484, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIGA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PIGA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 455-484 amino acids from the C-terminal region of human PIGA.
Clone:	RB31291
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PIGA
Alternative Name:	PIGA ( <a href="#">PIGA Products</a> )
Background:	This gene encodes a protein required for synthesis of N-acetylglucosaminyl

## Target Details

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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. Alternate splice variants have been characterized. A related pseudogene is located on chromosome 12.

Molecular Weight:	54127
Gene ID:	5277
NCBI Accession:	<a href="#">NP_002632</a> , <a href="#">NP_065206</a>
UniProt:	<a href="#">P37287</a>
Pathways:	<a href="#">Inositol Metabolic Process</a>

## Application Details

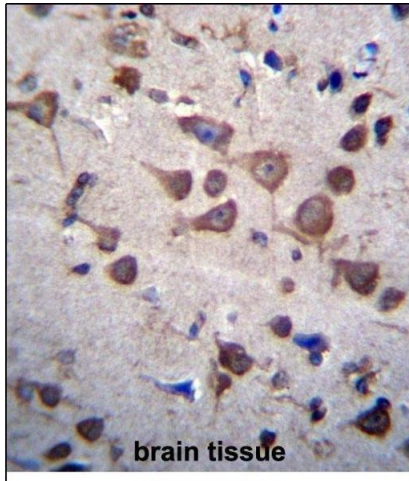
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Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

## Handling

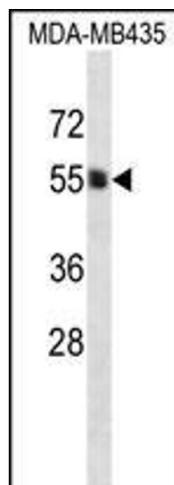
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	PIGA Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** PIGA Antibody (C-term) (ABIN656312 and ABIN2845614) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PIGA Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



### Western Blotting

**Image 2.** PIGA Antibody (C-term) (ABIN656312 and ABIN2845614) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the PIGA antibody detected the PIGA protein (arrow).