Datasheet for ABIN1403227

anti-PIGA antibody (Biotin)

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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 Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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 (PIGA Products)
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:	WB 1:300-5000 IHC-P 1:200-400
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 for 12 months.
Expiry Date:	12 months

