

Datasheet for ABIN5515071

anti-Phosphoglucomutase 5 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	Phosphoglucomutase 5 (PGM5)
Binding Specificity:	C-Term
Reactivity:	Human, Cow, Guinea Pig, Mouse, Rabbit, Rat, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Phosphoglucomutase 5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human PGM5
Sequence:	DASRLIFRLS SSSGVRATLR LYAESYERDP SGHDQEPQAV LSPLIAIALK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PGM5. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	Phosphoglucomutase 5 (PGM5)
Alternative Name:	PGM5 (PGM5 Products)

Target Details

Background:	Phosphoglucomutases (EC 5.2.2.2.), such as PGM5, are phosphotransferases involved in interconversion of glucose-1-phosphate and glucose-6-phosphate. PGM activity is essential in formation of carbohydrates from glucose-6-phosphate and in formation of glucose-6-phosphate from galactose and glycogen.
	Alias Symbols: PGMRP
	Protein Interaction Partner: SUMO2, VCL, DMD, UTRN,
	Protein Size: 567
Gene ID:	5239
UniProt:	Q15124
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
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.
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.