

Datasheet for ABIN1537280

anti-Phosphoglucomutase 5 antibody (C-Term)[Go to Product page](#)**1** Image

Overview

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|----------------------|---|
| Quantity: | 400 µL |
| Target: | Phosphoglucomutase 5 (PGM5) |
| Binding Specificity: | AA 404-430, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Phosphoglucomutase 5 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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|---------------|--|
| Immunogen: | This PGM5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 404-430 amino acids from the C-terminal region of human PGM5. |
| Clone: | RB37601 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|-------------------|--|
| Target: | Phosphoglucomutase 5 (PGM5) |
| Alternative Name: | PGM5 (PGM5 Products) |
| Background: | Phosphoglucomutases (EC 5.2.2.2.), such as PGM5, are phosphotransferases involved in |

Target Details

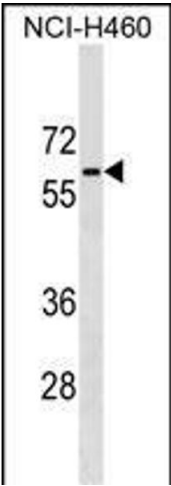
| | |
|-------------------|---|
| | interconversion of glucose-1-phosphate and glucose-6-phosphate. PGM activity is essential in formation of carbohydrates from glucose-6-phosphate and in formation of glucose-6-phosphate from galactose and glycogen (Edwards et al., 1995 [PubMed 8586438]). |
| Molecular Weight: | 62225 |
| Gene ID: | 5239 |
| NCBI Accession: | NP_068800 |
| UniProt: | Q15124 |
| Pathways: | Cellular Glucan Metabolic Process |

Application Details

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|--------------------|-----------------------|
| Application Notes: | WB: 1:1000 |
| 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: | PGM5 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C. |
| Expiry Date: | 6 months |



Western Blotting

Image 1. PGM5 Antibody (C-term) (ABIN1537280 and ABIN2849179) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the PGM5 antibody detected the PGM5 protein (arrow).