



Datasheet for ABIN2786307
anti-PGM2L1 antibody (N-Term)



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1 Image

Overview

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| Quantity: | 100 µL |
| Target: | PGM2L1 |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Cow, Horse, Zebrafish (Danio rerio) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PGM2L1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the N terminal region of human PGM2L1 |
| Sequence: | KEDNGYKVYW ETGAQITSPH DKEILKCIEE CVEPWNGSWN DNLVDT SPLK |
| Predicted Reactivity: | Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 92% |
| Characteristics: | This is a rabbit polyclonal antibody against PGM2L1. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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| Target: | PGM2L1 |
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Target Details

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| Alternative Name: | PGM2L1 (PGM2L1 Products) |
| Background: | <p>PGM2L1 is the Glucose 1,6-bisphosphate synthase using 1,3-bisphosphoglycerate as a phosphate donor and a series of 1-phosphate sugars as acceptors, including glucose 1-phosphate, mannose 1-phosphate, ribose 1-phosphate and deoxyribose 1-phosphate. 5 or 6-phosphosugars are bad substrates, with the exception of glucose 6-phosphate. PGM2L1 also synthesizes ribose 1,5-bisphosphate. PGM2L1 has only low phosphopentomutase and phosphoglucomutase activities.</p> <p>Alias Symbols: BM32A, FLJ32029</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 622</p> |
| Molecular Weight: | 70 kDa |
| Gene ID: | 283209 |
| NCBI Accession: | NM_173582 , NP_775853 |
| UniProt: | Q6PCE3 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 622 AA |
| Restrictions: | For Research Use only |

Handling

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| Format: | Liquid |
| Concentration: | Lot specific |
| 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. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-PGM2L1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: Human Placenta