

Datasheet for ABIN954138
anti-PIGP antibody (N-Term)



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1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 0.4 mL |
| Target: | PIGP |
| Binding Specificity: | AA 1-30, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PIGP antibody is un-conjugated |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) |

Product Details

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|-----------------------------|---|
| Immunogen: | Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 1-30aa) of human PIGP. |
| Isotype: | Ig Fraction |
| Specificity: | This antibody recognizes PIGP at N-term. |
| Cross-Reactivity (Details): | Species reactivity (tested):Human |
| Purification: | Purified through a Protein A column followed by peptide affinity purification |

Target Details

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| Target: | PIGP |
| Alternative Name: | PIGP (PIGP Products) |

Target Details

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| Background: | The PIGP gene encodes an enzyme involved in the first step of glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells that serves to anchor proteins to the cell surface. The encoded protein is a component of the GPI-N-acetylglucosaminyltransferase complex that catalyzes the transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc to phosphatidylinositol (PI). This gene is located in the Down Syndrome critical region on chromosome 21 and is a candidate for the pathogenesis of Down syndrome. Alternatively spliced transcript variants encoding different isoforms have been described.Synonyms: DCRC, DCRC-S, DSCR5, DSCRC, Down syndrome critical region protein 5, Down syndrome critical region protein C, Phosphatidylinositol N-acetylglucosaminyltransferase subunit P |
| Gene ID: | 51227 |
| NCBI Accession: | NP_710148 |
| Pathways: | Inositol Metabolic Process |

Application Details

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

Handling

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| Format: | Liquid |
| Concentration: | 0.25 mg/mL |
| Buffer: | 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. |
| Handling Advice: | Avoid repeated freezing and thawing. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. |



Western Blotting

Image 1. Western blot analysis in T47D cell line lysates (35ug/lane) using PIGP Antibody (N-term). This demonstrates the PIGP antibody detected the PIGP protein (arrow).