



Datasheet for ABIN954140
anti-PIGV antibody (C-Term)



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1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 0.4 mL |
| Target: | PIGV |
| Binding Specificity: | AA 342-371, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PIGV antibody is un-conjugated |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) |

Product Details

| | |
|-----------------------------|--|
| Immunogen: | Synthetic peptide - KLH conjugated - corresponding to the C-terminal region (between 342-371aa) of human PIGV. |
| Isotype: | Ig Fraction |
| Specificity: | This antibody recognizes PIGV at C-term. |
| Cross-Reactivity (Details): | Species reactivity (tested):Human |
| Purification: | Purified through a Protein A column followed by peptide affinity purification |

Target Details

| | |
|-------------------|--|
| Target: | PIGV |
| Alternative Name: | PIGV (PIGV Products) |

Target Details

Background: Glycosylphosphatidylinositol (GPI) is a complex glycolipid that anchors many proteins to the cell surface. The biosynthetic pathway of GPI is mediated by sequential addition of sugars and other components to phosphatidylinositol. PIGV adds the second mannose to the GPI core [Kang et al., 2005 PubMed 15623507]. Synonyms: GPI mannosyltransferase 2, GPI-MT-II, PIG-V, Phosphatidylinositol-glycan biosynthesis class V protein

Gene ID: 55650

NCBI Accession: [NP_001189483](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS with 0.09 % (W/V) Sodium azide

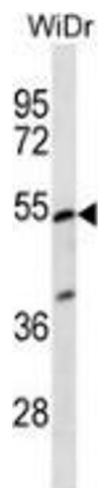
Preservative: Sodium azide

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 WiDr cell line lysates (35ug/lane) using PIGV Antibody (C-term). This demonstrates the PIGV antibody detected the PIGV protein (arrow).