




Product datasheet

Anti-PIGP antibody ab224128

3 Images

Overview

| | |
|----------------------------|--|
| Product name | Anti-PIGP antibody |
| Description | Rabbit polyclonal to PIGP |
| Host species | Rabbit |
| Tested applications | Suitable for: WB, IHC-P, ICC/IF |
| Species reactivity | Reacts with: Human Predicted to work with: Orangutan  |
| Immunogen | Recombinant fragment corresponding to Human PIGP aa 101-157. Sequence: NMMSTPLDSIHTITDNYAKNQQQKKYQEEAIPALRDISI SEVNQMFFLA AKELYTK Database link: P57054  Run BLAST with  Run BLAST with |
| Positive control | WB: PIGP overexpressing HEK-293T cell lysate. IHC-P: Human stomach tissue. ICC/IF: U-251 MG cells. |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.2 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol, PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab224128** in the following tested applications.

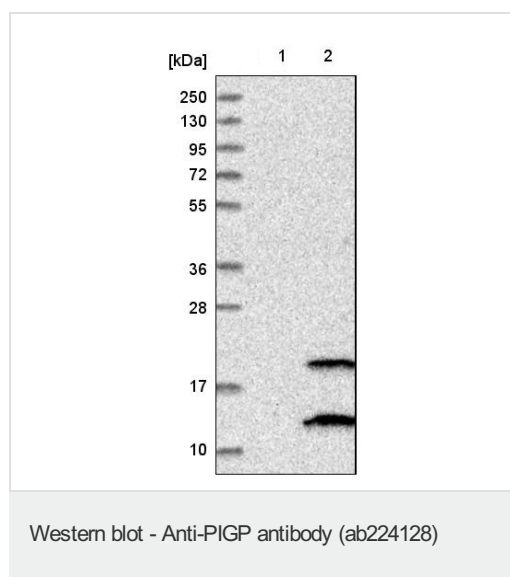
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| WB | | 1/100 - 1/250. Predicted molecular weight: 18 kDa. |
| IHC-P | | 1/50 - 1/200. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |
| ICC/IF | | Use a concentration of 1 - 4 µg/ml. Fixation/Permeabilization: PFA/Triton X-100. |

Target

| | |
|------------------------------|--|
| Function | Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis. |
| Tissue specificity | Ubiquitous. |
| Pathway | Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis. |
| Sequence similarities | Belongs to the PIGP family. |
| Cellular localization | Membrane. |

Images



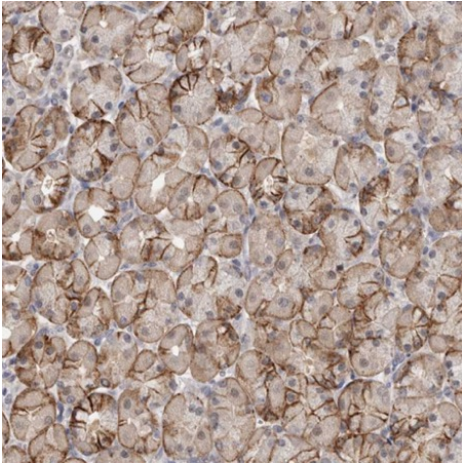
All lanes : Anti-PIGP antibody (ab224128) at 1/100 dilution

Lane 1 : Vector only transfected HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate

Lane 2 : PIGP overexpressing HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) cell lysate

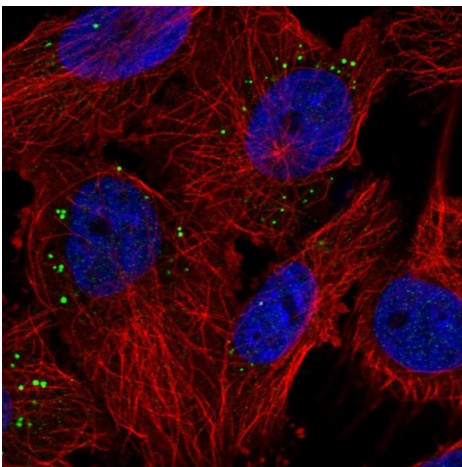
Developed using the ECL technique.

Predicted band size: 18 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PIGP antibody (ab224128)

Paraffin-embedded human stomach tissue stained for PIGP using ab224128 at 1/50 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence - Anti-PIGP antibody (ab224128)

PFA-fixed, Triton X-100 permeabilized U-251 MG (human brain glioma cell line) cells stained for PIGP (green) using ab224128 at 4 µg/ml in ICC/IF.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors