

**Product Name: PIG-F Rabbit Polyclonal Antibody**  
**Catalog #: APRab16134**



## Summary

|                        |                                  |
|------------------------|----------------------------------|
| <b>Production Name</b> | PIG-F Rabbit Polyclonal Antibody |
| <b>Description</b>     | Rabbit Polyclonal Antibody       |
| <b>Host</b>            | Rabbit                           |
| <b>Application</b>     | IHC,ELISA                        |
| <b>Reactivity</b>      | Human,Mouse                      |

## Performance

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                             |
| <b>Modification</b> | Unmodified                                                                               |
| <b>Isotype</b>      | IgG                                                                                      |
| <b>Clonality</b>    | Polyclonal                                                                               |
| <b>Form</b>         | Liquid                                                                                   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.       |
| <b>Purification</b> | Affinity purification                                                                    |

## Immunogen

|                          |                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | PIGF                                                                                 |
| <b>Alternative Names</b> | PIGF; Phosphatidylinositol-glycan biosynthesis class F protein; PIG-F; GPI11 homolog |
| <b>Gene ID</b>           | 5281.0                                                                               |
| <b>SwissProt ID</b>      | Q07326.Synthesized peptide derived from PIG-F . at AA range: 130-210                 |

## Application

**Dilution Ratio** IHC 1:100-1:300 ELISA: 1:40000

**Molecular Weight**

## Background

This gene encodes a protein involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor, a glycolipid containing three mannose molecules in its core backbone, is found on many blood cells where it serves to

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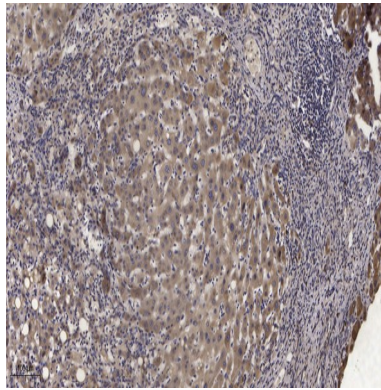
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anchor proteins to the cell surface. The encoded protein and another GPI synthesis protein, PIGO, function in the transfer of ethanolaminephosphate to the third mannose in GPI. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008],function:Involved in GPI-anchor biosynthesis through the transfer of ethanolamine phosphate to the third mannose of GPI.,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,similarity:Belongs to the PIGF family.,subunit:Forms a complex with PIGG and PIGO. PIGF is required to stabilize PIGG and PIGO.,

## Research Area

Glycosylphosphatidylinositol(GPI)-anchor biosynthesis;

## Image Data



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200 (4° overnight) .  
2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min) .

## Note

For research use only.