

# FGL1 antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22409a

## Product Information

|                   |                        |
|-------------------|------------------------|
| Application       | WB, E                  |
| Primary Accession | <a href="#">Q08830</a> |
| Host              | Rabbit                 |
| Clonality         | polyclonal             |
| Isotype           | Rabbit Ig              |
| Clone Names       | R03626                 |
| Calculated MW     | 36379                  |

## Additional Information

|                    |   |
|--------------------|---|
| Gene ID            | 2267  |
| Other Names        | Fibrinogen-like protein 1, HP-041, Hepassocin, HPS, Hepatocyte-derived fibrinogen-related protein 1, HFREP-1, Liver fibrinogen-related protein 1 {ECO:0000303 Ref.3}, LFIRE-1 {ECO:0000303 Ref.3}, FGL1 {ECO:0000303 PubMed:18039467, ECO:0000312 HGNC:HGNC:3695} |
| Target/Specificity | This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.  |
| Dilution           | WB~~1:2000 E~~Use at an assay dependent concentration.  |
| Format             | Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.   |
| Storage            | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.   |
| Precautions        | FGL1 antibody is for research use only and not for use in diagnostic or therapeutic procedures.   |

## Protein Information

|          |   |
|----------|---|
| Name     | FGL1 {ECO:0000303 PubMed:18039467, ECO:0000312 HGNC:HGNC:3695}  |
| Function | Immune suppressive molecule that inhibits antigen-specific T- cell activation by acting as a major ligand of LAG3 (PubMed: <a href="#">30580966</a> ). Responsible for LAG3 T-cell inhibitory function (PubMed: <a href="#">30580966</a> ). Binds LAG3 independently from MHC class II (MHC-II) (PubMed: <a href="#">30580966</a> ). Secreted by, and promotes growth of, hepatocytes (PubMed: <a href="#">11470158</a> , PubMed: <a href="#">19880967</a> ). |

|                          |   |
|--------------------------|---|
| <b>Cellular Location</b> | Secreted. Note=Secreted in the blood plasma |
| <b>Tissue Location</b>   | Under normal conditions, liver-specific.    |

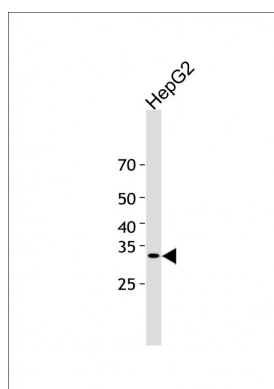
## Background

Immune suppressive molecule that inhibits antigen-specific T- cell activation by acting as a major ligand of LAG3 (PubMed:[30580966](#)). Responsible for LAG3 T-cell inhibitory function (PubMed:[30580966](#)). Binds LAG3 independently from MHC class II (MHC-II) (PubMed:[30580966](#)). Secreted by, and promotes growth of, hepatocytes (PubMed:[11470158](#), PubMed:[19880967](#)).

## References

Yamamoto T.,et al.Biochem. Biophys. Res. Commun. 193:681-687(1993).  
Hara H.,et al.Biochim. Biophys. Acta 1520:45-53(2001).  
Yan J.,et al.Submitted (JUL-1999) to the EMBL/GenBank/DDBJ databases.  
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).

## Images



All lanes: Anti-FGL1 antibody at 1:2000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 32 KDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.