

# FGL1 antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP22464a

## Product Information

Application	WB, E
Primary Accession	<a href="#">Q08830</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Clone Names	R03133
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~~1:1000 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:[11470158](#), PubMed:[19880967](#)).

**Cellular Location** Secreted. Note=Secreted in the blood plasma

**Tissue Location** Under normal conditions, liver-specific.

## Background

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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](#)).

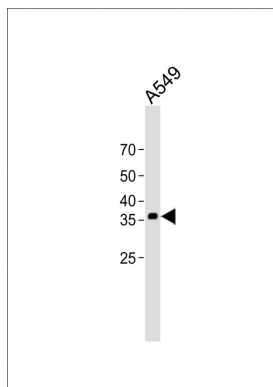
## References

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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

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All lanes: Anti-FGL1 antibody at 1:1000 dilution + A549 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: 36 KDa Blocking/Dilution buffer: 5% NFDm/TBST.

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