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Goat Anti-FGL1 / Hepassocin Antibody
Peptide-affinity purified goat antibody
Catalog # AF2200a

Specification

Goat Anti-FGL1 / Hepassocin Antibody - Product Information

Application	**WB**
Primary Accession	Q08830
Other Accession	NP_004458, 2267, 234199 (mouse), 246186 (rat)
Reactivity	**Human**
Predicted	**Mouse, Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**36379**

Goat Anti-FGL1 / Hepassocin Antibody - Additional Information

Gene ID 2267

Other Names
Fibrinogen-like protein 1, HP-041, Hepassocin, Hepatocyte-derived fibrinogen-related protein 1, HFREP-1, Liver fibrinogen-related protein 1, LFIRE-1, FGL1, HFREP1

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-FGL1 / Hepassocin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-FGL1 / Hepassocin Antibody - 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: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).

Cellular Location
Secreted. Note=Secreted in the blood plasma

Tissue Location
Under normal conditions, liver-specific.

Goat Anti-FGL1 / Hepassocin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-FGL1 / Hepassocin Antibody - Images



AF2200a (0.1 µg/ml) staining of Human Liver lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-FGL1 / Hepassocin Antibody - Background

Fibrinogen-like 1 is a member of the fibrinogen family. This protein is homologous to the carboxy terminus of the fibrinogen beta- and gamma- subunits which contains the four conserved cysteines of fibrinogens and fibrinogen related proteins. However, this protein lacks the platelet-binding site, cross-linking region and a thrombin-sensitive site which are necessary for fibrin clot formation. This protein may play a role in the development of hepatocellular carcinomas. Four alternatively spliced

transcript variants encoding the same protein exist for this gene.

Goat Anti-FGL1 / Hepassocin Antibody - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.
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Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.
Secreted protein acidic and rich in cysteine (SPARC) gene polymorphism association with hepatocellular carcinoma in Italian patients. Segat L, et al. J Gastroenterol Hepatol, 2009 Dec. PMID 19817957.
Specific expression and regulation of hepassocin in the liver and down-regulation of the correlation of HNF1alpha with decreased levels of hepassocin in human hepatocellular carcinoma. Yu HT, et al. J Biol Chem, 2009 May 15. PMID 19304666.