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Anti-Hepassocin Antibody

Rabbit polyclonal antibody to Hepassocin
Catalog # AP61034

Product Information

Application	WB, IHC
Primary Accession	Q08830
Other Accession	Q71KU9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36379

Additional Information

Gene ID	2267
Other Names	HFREP1; Fibrinogen-like protein 1; HP-041; Hepassocin; Hepatocyte-derived fibrinogen-related protein 1; HFREP-1; Liver fibrinogen-related protein 1; LFIRE-1
Target/Specificity	Recognizes endogenous levels of Hepassocin protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/50 - 1/100) IHC~~WB (1/500 - 1/1000), IHC (1/50 - 1/100)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

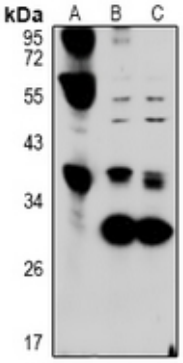
Protein Information

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.

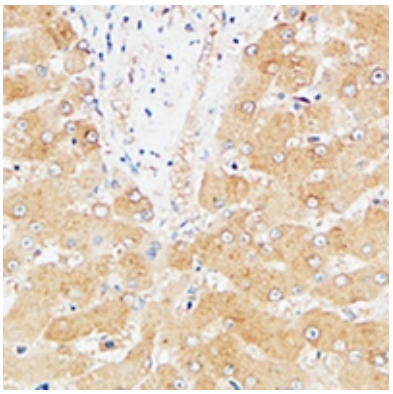
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Hepassocin. The exact sequence is proprietary.

Images



Western blot analysis of Hepassocin expression in rat liver (A), LO2 (B), A549 (C) whole cell lysates.



Immunohistochemical analysis of Hepassocin staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.