SunLong Biotech Co.,LTD
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Rabbit Anti-FGL2 antibody

SL0315R

Product Name	FGL2
Chinese Name	凝血酶原酶/纤维蛋白原 2 抗体
Alias	Fibroleukin; Cytotoxic T-lymphocyte-specific protein; Fibrinogen-like protein 2; Fibrinogen like protein 2; Prothrombinase; Fibroleukin; pT49; T49; FGL2_HUMAN.
Research Area	immunology t-lymphocyte
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat,
Applications	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	49kDa
Cellular localization	Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from Rat FGL2: 75-150/422
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	FGL2 is a secreted protein that is similar to the beta- and gamma-chains of

fibrinogen. The carboxyl-terminus of the encoded protein consists of the fibrinogen-related domains (FRED). The encoded protein forms a tetrameric complex which is stabilized by interchain disulfide bonds. It may play a role in physiologic functions at mucosal sites. It is constitutively expressed in cytotoxic T-cells. Lack of expression in other lymphoid- and nonlymphoid-derived cell lines suggested that expression of FGL2 may be restricted to lymphocytes. FGL2 is induced via a mechanism involving IFNG and components of the IFNG signaling pathway, including STAT1 and IRF1.

Function:
May play a role in physiologic lymphocyte functions at mucosal sites

Subunit:
Homotetramer; disulfide-linked.

Subcellular Location:
Secreted.

Tissue Specificity:
Constitutively expressed in cytotoxic T-cells.

Similarity:
Contains 1 fibrinogen C-terminal domain.

SWISS:
N/A

Gene ID:
84586

Database links:

Entrez Gene: 511711 Cow

Entrez Gene: 10875 Human

Entrez Gene: 14190 Mouse

Entrez Gene: 84586 Rat

Omim: 605351 Human

SwissProt: Q14314 Human

SwissProt: P12804 Mouse

Unigene: 520989 Human

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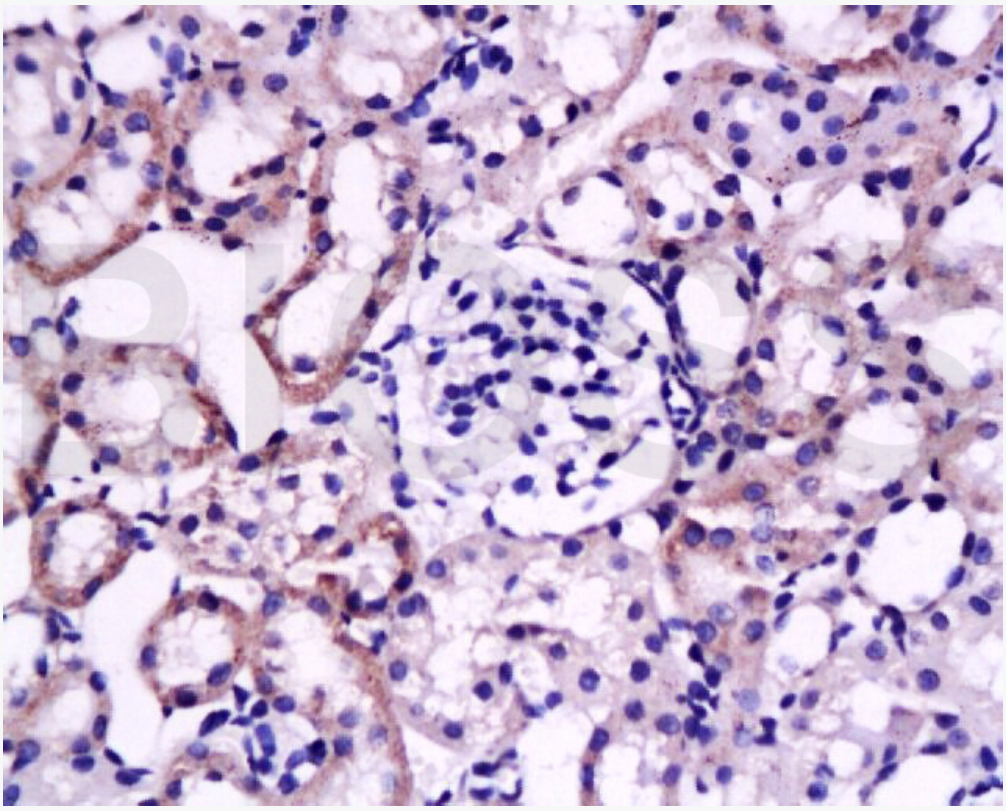
Unigene: 292100 Mouse

fgL-2 蛋白是新近发现的一种凝血因子，它通过直接激活凝血酶原启动凝血过程。一 系列实验证明，该蛋白在肝细胞坏死中起到重要作用。对乙肝患者肝组织免疫组织化学染色 hfg12 在重型乙型肝炎患者高表达。
凝血酶原酶(简称 fgl2)蛋白属于纤维蛋白原家族的一员,由活化的巨噬细胞表达,具有凝血酶原酶的活力,能催化凝血酶原转化为凝血酶,启动凝血过程.

Product Picture



Tissue/cell: rat kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min;

Block endogenous peroxidase by 3% Hydrogen peroxide for 30min;

Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

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Incubation: Anti-fg-12 Polyclonal Antibody, Unconjugated(SL0315R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining