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Rabbit Anti-ANGPTL3 antibody

SL5918R

Product Name:	ANGPTL3
Chinese Name:	血管生成素样蛋白3抗体
Alias:	ANG 5; ANG-5; ANG5; Angiopoietin 5; Angiopoietin like 3; Angiopoietin related protein 3; Angiopoietin-5; Angiopoietin-like protein 3; Angiopoietin-related protein 3; ANGL3_HUMAN; ANGPT5; ANGPTL3; FHBL2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	49kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ANG5/ANGPTL3:21-120/460
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 癈 for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20癈. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 癈.
PubMed:	PubMed
Product Detail:	Angiopoietin-like protein 3 (Angptl3) functions as a potent lipoprotein lipase inhibitor and is an important component of plasma triglyceride homeostasis. Angptl3 also plays a role in adipose formation and angiogenesis through its interaction with integrin ?v)beta(3). It is secreted by the liver and is functionally defined by the C-terminal

fibrinogen (FBN)-like domain and an N-terminal coiled-coil domain. Angptl3 regulates circulating triglyceride levels during different nutritional states thereby mediating the feeding/fasting cycle. A deficiency of Angptl3 results in abnormally low lipid levels, and a repression of the protein may be protective against atherosclerosis. Angptl3 may also play an important role in hyperlipidemia in diabetes.

Subcellular Location:
Secreted

Tissue Specificity:
Expressed principally in liver. Weakly expressed in kidney.

Similarity:
Contains 1 fibrinogen C-terminal domain.

SWISS:
Q9Y5C1

Gene ID:
27329

Database links:

Entrez Gene: 27329Human

Entrez Gene: 30924Mouse

Entrez Gene: 502970Rat

Omim: 604774Human

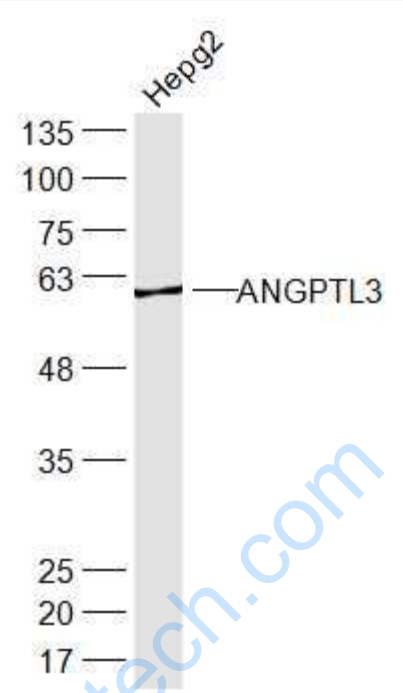
SwissProt: Q9Y5C1Human

SwissProt: Q9R182Mouse

Unigene: 209153Human

Unigene: 28341Mouse

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Sample: Hepg2(Human) Cell Lysate at 30 ug Primary: Anti-ANGPTL3 (SL5918R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kD Observed band size: 59 kD