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Rabbit Anti-ANGPTL5 antibody

SL7046R

Product Name:	ANGPTL5
Chinese Name:	血管生成素相关蛋白5
Alias:	Angiopoietin like 5; Angiopoietin related protein 5; Angiopoietin-like protein 5; Angiopoietin-related protein 5; ANGL5_HUMAN; ANGPTL 5; ANGPTL5; Fibrinogen like; hide
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Chicken,Pig,Horse,Sheep,
Applications:	ELISA=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:	41kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ANGPTL5:301-388/388
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 °C 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°C. 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 °C.
PubMed:	PubMed
Product Detail:	Angptl5 (angiopoietin-like 5) is a 388 amino acid secreted protein that contains one fibrinogen C-terminal domain and is primarily expressed in adult heart tissue. The gene encoding Angptl5 maps to human chromosome 11. With approximately 135 million base pairs and 1,400 genes, chromosome 11 comprises approximately 4% of human genomic DNA and is considered a gene and disease association dense chromosome.

	The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and thalassemia are caused by HBB gene mutations, while Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11-encoded genes. **Subcellular Location:** Secreted (Potential). **Tissue Specificity:** Mainly expressed in adult heart. **Similarity:** Contains 1 fibrinogen C-terminal domain. **SWISS:** Q86XS5 **Gene ID:** 253935 **Database links:** Entrez Gene: 253935Human Omim: 607666Human SwissProt: Q86XS5Human Unigene: 318370Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.