SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-LSR/Lipolysis Stimulated Lipoprotein Receptor antibody

SL18296R

Product Name:	LSR/Lipolysis Stimulated Lipoprotein Receptor
Chinese Name:	脂肪分解刺激Lipoprotein受体抗体
Alias:	ILDR3; Immunoglobulin like domain containing receptor 3; Lipolysis stimulated remnant; Lipolysis-stimulated lipoprotein receptor; LISCH; LISCH protein; LISCH7; Liver specific bHLH Zip transcription factor; LSR; LSR_HUMAN; MGC10659; MGC48312; MGC48503.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	71kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human LSR/Lipolysis Stimulated Lipoprotein Receptor:121-220/649<Extracellular>
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:	LSR is a 649 amino acid single-pass membrane protein that contains one

	immunoglobulin-like domain and localizes to the cell membrane. Existing as a homotrimer or a homotetramer, LSR is thought to play a role in the clearing of triglyceride-rich lipoproteins from blood, specifically via binding to low density lipoproteins (LDLs) and very low density lipoproteins (VLDLs) and facilitating their uptake into cells. Overexpression of LSR may be associated with increased colon tumor growth, suggesting an involvement for LSR in tumor formation and metastasis. Multiple isoforms of LSR exist due to alternative splicing events. The gene encoding LSR maps to human chromosome 19, which consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes. **Function:** Probable role in the clearance of triglyceride-rich lipoprotein from blood. Binds chylomicrons, LDL and VLDL in presence of free fatty acids and allows their subsequent uptake in the cells. **Subcellular Location:** Cell membrane. **Similarity:** Belongs to the immunoglobulin superfamily. LISCH7 family. Contains 1 Ig-like V-type (immunoglobulin-like) domain. **SWISS:** Q86X29 **Gene ID:** 51599 **Database links:** Entrez Gene: 51599 Human SwissProt: Q86X29 Human Unigene: 466507 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.