

## Rabbit Anti-HDLBP/Cy5.5 Conjugated antibody

SL20121R-Cy5.5

<b>Product Name</b>	Anti-HDLBP/Cy5.5
<b>Chinese Name</b>	Cy5.5 标记的高密度 LipoproteinBinding protein 抗体
<b>Alias</b>	HBP; HDL binding protein; high density lipoprotein binding protein; high density lipoprotein binding protein (vigilin); VGL; vigilin.
<b>Research Area</b>	Cardiovascular Cell biology Signal transduction
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	Human IF=1:100-500
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	140kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human HDLBP
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>Storage</b>	
<b>Product Detail</b>	<b>background:</b> High density lipoprotein-binding protein, HDLBP, also known as vigilin, specifically binds HDL molecules and may function in the removal of excess cellular cholesterol. It may also be involved in the regulation of the delivery of fats to cells for energy and storage as fats in the bloodstream are not readily metabolized in the absence of HDLBP.

**Function:**

Appears to play a role in cell sterol metabolism. It may function to protect cells from over-accumulation of cholesterol.

**Subcellular Location:**

Cytoplasm. Nucleus.

**Similarity:**

Contains 14 KH domains.

**Database links:**

[Entrez Gene: 3069](#) Human

[Entrez Gene: 110611](#) Mouse

[Entrez Gene: 64474](#) Rat

[Omim: 142695](#) Human

[SwissProt: P81021](#) Chicken

[SwissProt: Q00341](#) Human

[SwissProt: Q8VDJ3](#) Mouse

[SwissProt: Q9Z1A6](#) Rat

[Unigene: 471851](#) Human

[Unigene: 732361](#) Human

[Unigene: 30012](#) Mouse

[Unigene: 8515](#) Rat

**Important Note:**

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