SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-HDLBP antibody

Catalog Number: SL6339R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	HDLBP
Immunogen:	KLH conjugated synthetic peptide derived from human HDLBP/vigilin: 651-750/1368
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Horse)
Predicted MW.:	140kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	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

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

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	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

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