HDLBP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HDLBP, Polyclonal Antibody
Full Product Name	HDLBP Rabbit pAb
Product Gene Name	anti-HDLBP antibody
Product Synonym Names	HBP; VGL; PRO2900
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	150kDa
OMIM	142695
3D Structure	ModBase 3D Structure for Q00341
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1035-1268 of human HDLBP (NP_976221.1).
Cellular Localization	Cytoplasm, HDL, Nucleus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HDLBP antibody	Western Blot (WB)
Application Notes for anti-HDLBP antibody	WB: 1:500-1:2000
Related Product Information for anti-HDLBP antibody	Appears to play a role in cell sterol metabolism. It may function to protect cells from over-accumulation of cholesterol.
Other Notes	Small volumes of anti-HDLBP antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HDLBP purchase	MBS8550185 is an antibody targeting HDLBP. Also known as HDLBP Rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HDLBP. It may not necessarily be applicable to this product.

NCBI GI #	345199283
NCBI GeneID	3069
NCBI Accession #	NP_001230829

UniProt Primary Accession #	Q00341
UniProt Related Accession #	Q00341
GenBank Nucleotide #	NP_001230829.1
NCBI Official Full Name	vigilin isoform b
NCBI Official Synonym Full Names	high density lipoprotein binding protein
NCBI Official Symbol	HDLBP
NCBI Official Synonym Symbols	HBP; VGL; PRO2900
UniProt Protein Name	Vigilin
UniProt Synonym Protein Names	High density lipoprotein-binding protein; HDL-binding protein
Protein Family	Vigilin
UniProt Gene Name	HDLBP
UniProt Synonym Gene Names	HBP; VGL; HDL-binding protein
UniProt Entry Name	VIGLN_HUMAN
NCBI Protein Information	vigilin
NCBI Summary for HDLBP	The protein encoded by this gene binds high density lipoprotein (HDL) and may function to regulate excess cholesterol levels in cells. The encoded protein also binds RNA and can induce heterochromatin formation. [provided by RefSeq, Mar 2016]
Research Articles on HDLBP	**1.** Our data reveal that vigilin is essential for maintenance of imprinting of IGF2 gene via functional interaction between KH1-7 domains of vigilin and zinc-finger domains of CTCF.
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