

HDLBP Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9415c**Specification**

HDLBP Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q00341
Other Accession	Q9Z1A6 , Q8VDJ3
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	141440
Antigen Region	764-791

HDLBP Antibody (Center) - Additional Information**Gene ID** 3069**Other Names**

Vigilin, High density lipoprotein-binding protein, HDL-binding protein, HDLBP, HBP, VGL

Target/Specificity

This HDLBP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 764-791 amino acids from the Central region of human HDLBP.

Dilution

WB~~1:1000

IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

HDLBP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

HDLBP Antibody (Center) - Protein Information**Name** HDLBP

Synonyms HBP, VGL

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

Cellular Location

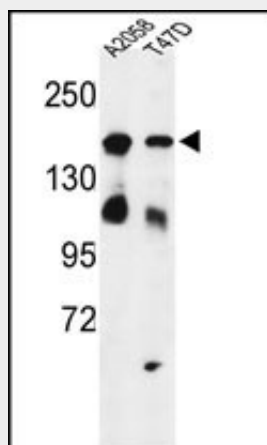
Cytoplasm. Nucleus

HDLBP Antibody (Center) - Protocols

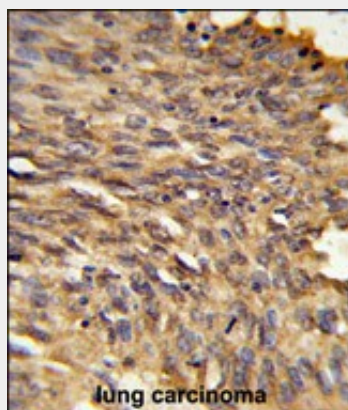
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HDLBP Antibody (Center) - Images



Western blot analysis of HDLBP Antibody (Center) (Cat. #AP9415c) in A2058, T47D cell line lysates (35ug/lane). HDLBP (arrow) was detected using the purified Pab.



Formalin-fixed and paraffin-embedded human lung carcinoma reacted with HDLBP Antibody

(Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

HDLBP Antibody (Center) - Background

High density lipoprotein-binding protein, also known as vigilin, is a 110-kD protein that specifically binds HDL molecules and may function in the removal of excess cellular cholesterol.

HDLBP Antibody (Center) - References

Chen, S.N., et al. BMC Med. Genet. 10, 111 (2009)
Zhou, J., et al. RNA 14(9):1773-1781(2008)
Rikova, K., et al. Cell 131(6):1190-1203(2007)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)