

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

---

**HDLBP Antibody (Center) - Product Information**

Application	IHC-P, WB,E
Primary Accession	<a href="#">Q00341</a>
Other Accession	<a href="#">Q9Z1A6</a> , <a href="#">Q8VDJ3</a>
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**

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

**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**

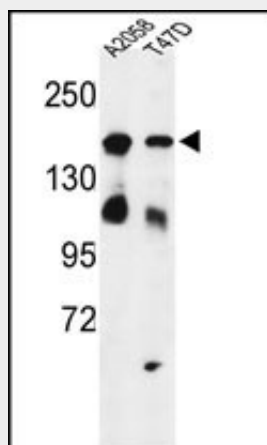
Cytoplasm. Nucleus

**HDLBP Antibody (Center) - Protocols**

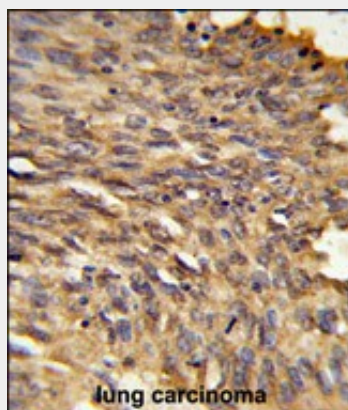
Provided below are standard protocols that you may find useful for product applications.

- [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)