

GPIHBP1 Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15106**Specification**

GPIHBP1 Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	Q8IV16
Other Accession	NM_178172 , NP_835466
Reactivity	Human
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18kDa KDa

GPIHBP1 Antibody - C-terminal region - Additional Information**Gene ID** 338328**Alias Symbol** **GPI-HBP1**
Other NamesGlycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1, GPI-HBP1,
GPI-anchored HDL-binding protein 1, High density lipoprotein-binding protein 1, GPIHBP1, HBP1**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-GPIHBP1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

GPIHBP1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

GPIHBP1 Antibody - C-terminal region - Protein Information**Name** GPIHBP1 ([HGNC:24945](#))**Synonyms** HBP1**Function**Mediates the transport of lipoprotein lipase LPL from the basolateral to the apical surface of endothelial cells in capillaries (By similarity). Anchors LPL on the surface of endothelial cells in the lumen of blood capillaries (By similarity). Protects LPL against loss of activity, and against ANGPTL4-mediated unfolding (PubMed: [27929370](http://www.uniprot.org/citations/27929370) target="_blank">27929370, PubMed: [29899144](http://www.uniprot.org/citations/29899144) target="_blank">29899144). Thereby, plays an important role in lipolytic processing of

chylomicrons by LPL, triglyceride metabolism and lipid homeostasis (PubMed:19304573, PubMed:21314738). Binds chylomicrons and phospholipid particles that contain APOA5 (PubMed:17997385, PubMed:19304573). Binds high-density lipoprotein (HDL) and plays a role in the uptake of lipids from HDL (By similarity).

Cellular Location

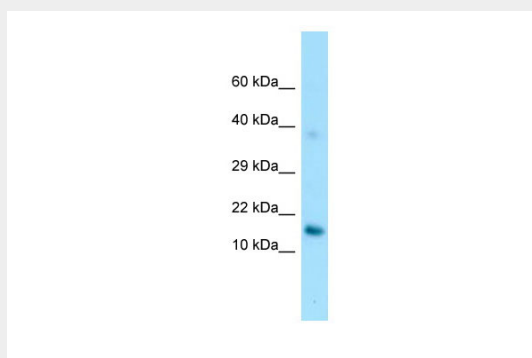
Apical cell membrane {ECO:0000250|UniProtKB:Q9D1N2}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q9D1N2}. Basolateral cell membrane {ECO:0000250|UniProtKB:Q9D1N2}; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q9D1N2}. Cell membrane; Lipid-anchor, GPI-anchor {ECO:0000250|UniProtKB:Q9D1N2}

GPIHBP1 Antibody - C-terminal region - 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](#)

GPIHBP1 Antibody - C-terminal region - Images



WB Suggested Anti-GPIHBP1 Antibody Titration: 1.0 µg/ml
Positive Control: HepG2 Whole Cell

GPIHBP1 Antibody - C-terminal region - References

Shan Y.X.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Gin P.,et al.Biochim. Biophys. Acta 1771:1464-1468(2007).
Young S.G.,et al.J. Lipid Res. 52:1869-1884(2011).
Wang J.,et al.Lipids Health Dis. 6:23-23(2007).