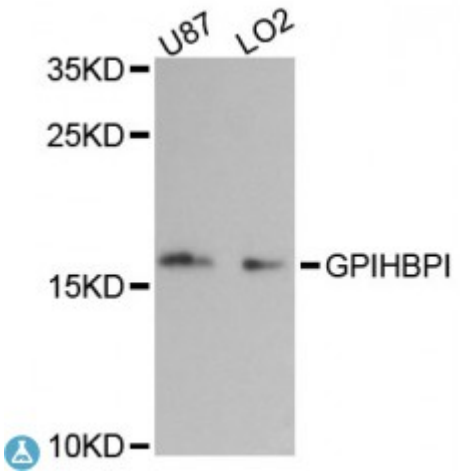
Anti-GPIHBP1 Antibody



Description	This gene encodes a capillary endothelial cell protein that facilitates the lipolytic processing of triglyceride-rich lipoproteins. The encoded protein is a glycosylphosphatidylinositol-anchored protein that is a member of the lymphocyte antigen 6 (Ly6) family. This protein plays a major role in transporting lipoprotein lipase (LPL) from the subendothelial spaces to the capillary lumen. Mutations in this gene are the cause of hyperlipoproteinemia, type 1D. Alternate splicing results in multiple transcript variants.

Model	STJ115206
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 50-151 of human GPIHBP1 (NP_835466.2).
Gene ID	338328
Gene Symbol	GPIHBP1
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1 GPI-HBP1 GPI-anchored HDL-binding protein 1 High density lipoprotein-binding protein 1

Molecular Weight	19.806 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:24945OMIM:612757Reactome:R-HSA-163125
Alternative Names	Glycosylphosphatidylinositol-anchored high density lipoprotein-binding protein 1 GPI-HBP1 GPI-anchored HDL-binding protein 1 High density lipoprotein-binding protein 1
Function	Plays a key role in the lipolytic processing of chylomicrons, Required for the transport of lipoprotein lipase LPL into the capillary lumen ,
Cellular Localization	Apical cell membrane
Post-translational Modifications	Glycosylation of Asn-78 is critical for cell surface localization and the binding of chylomicrons and lipoprotein lipase,