



Rabbit anti-human apolipoprotein B (including Ag(x) antigen) polyclonal Antibody

Catalog Number: CSB-PA001918GA01HU

Synonym Names	Apo B-100,Apo B-48,APOB
Product type	Primary antibodies
Description	Rabbit polyclonal to APOB
Clonality	Polyclonal
Isotype	IgG
Reacts with	Human,Mouse; Other species are not tested. Please decide the specificity by homology.
Conjugate	Non-conjugated
Purity	Antigen Affinity Purified
Storage buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Storage	Shipped at 4°C Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze.
Form	Liquid
Raised in	Rabbit
Tested applications	ELISA: Use at an assay dependent dilution. WB: 1:200-1:2000 IHC: 1:20-1:200 (Recommender dilutions)
Positive WB detected in	Mouse liver tissue, HepG2 cells, L02 cells
Positive IHC detected in	Human liver tissue
Function	Apolipoprotein B is a major protein constituent of chylomicrons (apo B-48), LDL (apo B-100) and VLDL (apo B-100). Apo B-100 functions as a recognition signal for the cellular binding and internalization of LDL particles by the apoB/E receptor.
References	[1]"Genetic variation in APOB, PCSK9, and ANGPTL3 in carriers of pathogenic autosomal dominant hypercholesterolemic mutations with unexpected low LDL-CI Levels."Huijgen R., Sjouke B., Vis K., de Randamie J.S., Defesche J.C., Kastelein J.J., Hovingh G.K., Fouchier S.W.Hum. Mutat. 33:448-455(2012). [2]"Quantitative detection of single amino acid polymorphisms by targeted proteomics." Su Z.D., Sun L., Yu D.X., Li R.X., Li H.X., Yu Z.J., Sheng Q.H., Lin X., Zeng R., Wu J.R. J. Mol. Cell Biol. 3:309-315(2011). [3]"Molecular basis of autosomal dominant hypercholesterolemia: assessment in a large cohort of hypercholesterolemic children."van der Graaf A., Avis H.J., Kusters D.M., Vissers M.N., Hutten B.A., Defesche J.C., Huijgen R., Fouchier S.W., Wijburg F.A., Kastelein J.J., Wiegman A.Circulation 123:1167-1173(2011).