



Magic™ Anti-APOB (native) polyclonal antibody (DPABH-06239)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Full length native protein (purified from plasma), corresponding to amino acids 1-4563 of Human Apolipoprotein B (NP_000375).
Isotype	IgY
Source/Host	Chicken
Species Reactivity	Human
Purification	IgY fraction
Conjugate	Unconjugated
Applications	ELISA, WB
Format	Liquid
Size	50 µg
Buffer	Constituent: 99% PBS
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	APOB apolipoprotein B [Homo sapiens]
Official Symbol	APOB
Synonyms	APOB; apolipoprotein B; FLDB; LDLCQ4; apolipoprotein B-100; apoB-48; apoB-100; apo B-100; mutant Apo B 100; apolipoprotein B48; apolipoprotein B (including Ag(x) antigen);
Entrez Gene ID	338
Protein Refseq	NP_000375.2
UniProt ID	P04114
Pathway	Binding and Uptake of Ligands by Scavenger Receptors; Chylomicron-mediated lipid transport; Diseases associated with visual transduction; Fat digestion and absorption
Function	cholesterol transporter activity; heparin binding; lipase binding; low-density lipoprotein particle receptor binding