



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

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Full length native protein (purified from plasma), corresponding to amino acids 1-4563 of Human Apolipoprotein B (NP_000375).
<b>Isotype</b>	IgY
<b>Source/Host</b>	Chicken
<b>Species Reactivity</b>	Human
<b>Purification</b>	IgY fraction
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, WB
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituent: 99% PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	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	<a href="#">APOB apolipoprotein B [ Homo sapiens ]</a>
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	<a href="#">338</a>
Protein Refseq	<a href="#">NP_000375.2</a>
UniProt ID	<a href="#">P04114</a>
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