



# Anti-APOA1 polyclonal antibody (DPAB-DC1170)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	major component of high density lipoprotein (HDL) that is involved in intercellular cholesterol transport in astrocytes; cofactor for lecithin cholesterolacyltransferase (LCAT) [RGD, Feb 2006]
<b>Specificity</b>	Recombinant rat ApoA1 can be use as a positive control.
<b>Immunogen</b>	Recombinant protein corresponding to rat ApoA1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS pH 7.2 (30% glycerol, 0.01% thimerosal)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Apoa1 apolipoprotein A-I [ Rattus norvegicus (Norway rat) ]</a>
<b>Official Symbol</b>	APOA1
<b>Synonyms</b>	APOA1; apolipoprotein A-I; apoA-I; apo-AI; apolipoprotein A1; apolipoprotein A-1; preproapolipoprotein A-I;
<b>Entrez Gene ID</b>	<a href="#">25081</a>
<b>Protein Refseq</b>	<a href="#">NP_036870</a>
<b>UniProt ID</b>	<a href="#">P04639</a>
<b>Chromosome Location</b>	8q23-q24
<b>Pathway</b>	ABC-family proteins mediated transport; African trypanosomiasis; Amyloids; Chylomicron-mediated lipid transport
<b>Function</b>	apolipoprotein A-I receptor binding; apolipoprotein receptor binding; beta-amyloid binding; cholesterol binding