

**ApoC-III rabbit pAb****Cat#: orb767155 (Manual)**

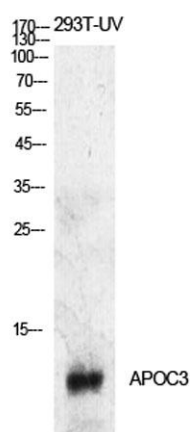
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<b>Product Name</b>	ApoC-III rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the C-terminal region of human APOC3. AA range:46-95
<b>Specificity</b>	ApoC-III Polyclonal Antibody detects endogenous levels of ApoC-III protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Apolipoprotein C-III
<b>Gene Name</b>	APOC3
<b>Cellular localization</b>	Secreted .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

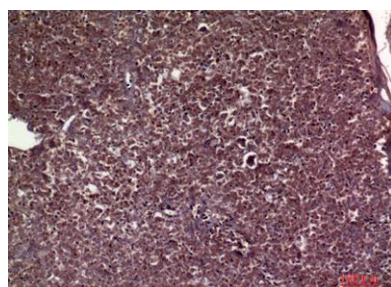
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	11kD
<b>Human Gene ID</b>	345
<b>Human Swiss-Prot Number</b>	P02656
<b>Alternative Names</b>	APOC3; Apolipoprotein C-III; Apo-CIII; ApoC-III; Apolipoprotein C3

### Background

Apolipoprotein C-III is a very low density lipoprotein (VLDL) protein. APOC3 inhibits lipoprotein lipase and hepatic lipase; it is thought to delay catabolism of triglyceride-rich particles. The APOA1, APOC3 and APOA4 genes are closely linked in both rat and human genomes. The A-I and A-IV genes are transcribed from the same strand, while the A-I and C-III genes are convergently transcribed. An increase in apoC-III levels induces the development of hypertriglyceridemia. [provided by RefSeq, Jul 2008],



**Western Blot analysis of 293T-UV cells using ApoC-III Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody(catalog#:RS0002) was diluted at 1:20000**



**Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100**



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