



APOC2 Monoclonal Antibody

Catalog No	YP-mAb-10899
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	APOC2 APC2
Immunogen	Synthesized peptide derived from human APOC2 AA range: 1-50
Specificity	This antibody detects endogenous levels of human APOC2
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	WB: 1/500 - 1/2000.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	APC2;Apo CII;ApoC II;APOC2;apolipoprotein C II;Apolipoprotein C2;APOC2 APC2;Apolipoprotein C-II (Apo-CII;ApoC-II;Apolipoprotein C2)
Calculated Molecular Weight	11kD
Cell Pathway	Secreted .
Tissue Specificity	Liver and intestine.
Function	disease:Defects in APOC2 are the cause of hyperlipoproteinemia type IB [MIM:207750]. It is an autosomal recessive trait characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis.,function:Component of the very low density lipoprotein (VLDL) fraction in plasma, and is an activator of several triacylglycerol lipases. The association of APOC2 with plasmachylomicrons, VLDL, and HDL is reversible, a function of the secretion and catabolism of triglyceride-rich lipoproteins, and changes rapidly.,similarity:Belongs to the apolipoprotein C2 family.,tissue specificity:Secreted in plasma.,
Background	This gene encodes a lipid-binding protein belonging to the apolipoprotein gene family. The protein is secreted in plasma where it is a component of very low density lipoprotein. This protein activates the enzyme lipoprotein lipase, which hydrolyzes triglycerides and thus provides free fatty acids for cells. Mutations in



this gene cause hyperlipoproteinemia type IB, characterized by hypertriglyceridemia, xanthomas, and increased risk of pancreatitis and early atherosclerosis. This gene is present in a cluster with other related apolipoprotein genes on chromosome 19. Naturally occurring read-through transcription exists between this gene and the neighboring upstream apolipoprotein C-IV (APOC4) gene. [provided by RefSeq, Mar 2011],

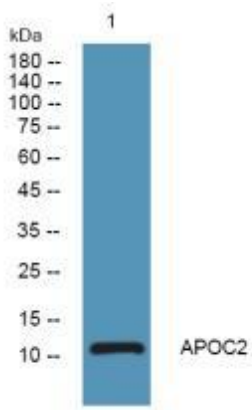
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using APOC2 Polyclonal Antibody