



Rabbit Anti-Human APOE monoclonal antibody, clone 27I33M29 (CABT-L1196)

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

PRODUCT INFORMATION

Target	APOE
Immunogen	Peptide corresponding to amino acids 240-251 of human ApoE
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	27I33M29
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

BACKGROUND

Introduction

Apo E (Apolipoprotein E) plays an important role in the metabolism of lipids in the plasma, and is also a constituent of various plasma lipoprotein-lipid particles. The protein is synthesized in liver, brain, spleen, and the kidney, and concentrations are high in interstitial fluids, where it plays a role in distributing cholesterol from cells where cholesterol is in excess to cells which require cholesterol. Apo E also plays an important role in the formation of very low density lipoprotein and chylomicrons. The Apo E gene is located on chromosome 19 at position 19q13.2.

Keywords

APOE;apolipoprotein E;AD2, Alzheimer disease 2 (APOE*E4 associated, late onset);apo-E;apolipoprotein E3;AD2;LPG;LDLCQ5;MGC1571

GENE INFORMATION

Entrez Gene ID[348](#)**UniProt ID**[P02649](#)