
Product Name: Liver Carboxylesterase 1 Rabbit Monoclonal Antibody**Catalog #: AMRe87777**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:50-1:200,ICC/IF 1:100-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW:63 kDa; Observed MW:63 kDa

Antigen Information

Gene Name	Liver Carboxylesterase 1
Alternative Names	CEH; REH; TGH; ACAT; CE-1; CES2; HMSE; SES1; HMSE1; PCE-1; hCE-1
Gene ID	1066
SwissProt ID	P23141
Immunogen	A synthetic peptide of human Liver Carboxylesterase 1

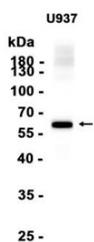
Background

This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or

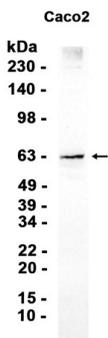
amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. This enzyme is the major liver enzyme and functions in liver drug clearance. Mutations of this gene cause carboxylesterase 1 deficiency. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]

Research Area

Image Data



Western blot analysis of extracts from U937 cells using Liver Carboxylesterase 1 Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from Caco2 cells using AMRe87777 at 1:2000.