

EST1 Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09762
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human EST1
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	EST1
Synonyms	EST1; Liver carboxylesterase 1; Acyl-coenzyme A:cholesterol acyltransferase; ACAT; Brain carboxylesterase hBr1; Carboxylesterase 1; CE-1; hCE-1; EC 3.1.1.1; Cocaine carboxylesterase; Egasyn; HMSE; Methylumbelliferyl-acetate deacetylase 1; EC 3.1.1.56; Monocyte/macrophage serine esterase; Retinyl ester hydrolase; REH; Serine esterase 1; Triacylglycerol hydrolase; TGH)

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

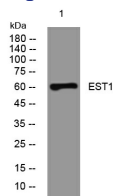
This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics [such as cocaine and heroin] and endogenous substrates with ester [thioester] or amide bonds. They may participate in fatty acyl and cholesterol 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from A549 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year