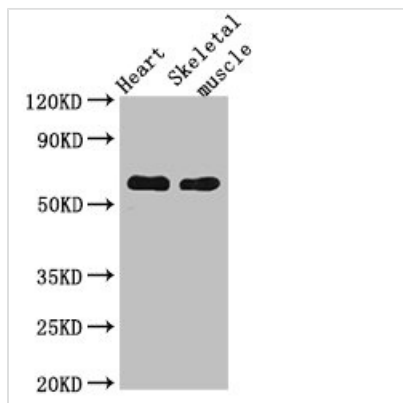




CES1 Antibody

Product Code	CSB-PA005258LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P23141
Immunogen	Recombinant Human Liver carboxylesterase 1 protein (291-566AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	Involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs. Hydrolyzes aromatic and aliphatic esters, but has no catalytic activity toward amides or a fatty acyl-CoA ester. Hydrolyzes the methyl ester group of cocaine to form benzoylecgonine. Catalyzes the transesterification of cocaine to form cocaethylene. Displays fatty acid ethyl ester synthase activity, catalyzing the ethyl esterification of oleic acid to ethyloleate.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	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), CES1, CES2 SES1
Species	Human
Research Area	Cardiovascular
Target Names	CES1
Image	



Western Blot

Positive WB detected in: Mouse heart tissue,
Mouse skeletal muscle tissue

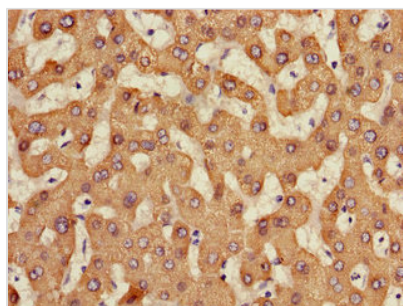
All lanes: CES1 antibody at 5μg/ml

Secondary

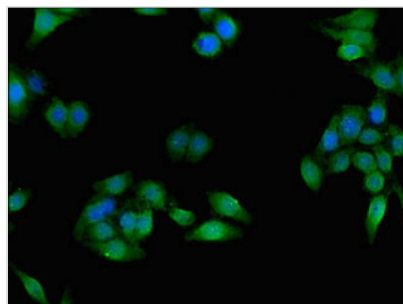
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 63 kDa

Observed band size: 63 kDa



Immunohistochemistry of paraffin-embedded
human liver tissue using CSB-
PA005258LA01HU at dilution of 1:100



Immunofluorescent analysis of HepG2 cells
using CSB-PA005258LA01HU at dilution of
1:100 and Alexa Fluor 488-conjugated
AffiniPure Goat Anti-Rabbit IgG(H+L)