

Product datasheet for **TA371031S**

Liver Carboxylesterase 1 (CES1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: A549 cell lysate IHC: 100-300 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human CES1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	63 kDa
Gene Name:	carboxylesterase 1
Database Link:	Entrez Gene 1066 Human P23141

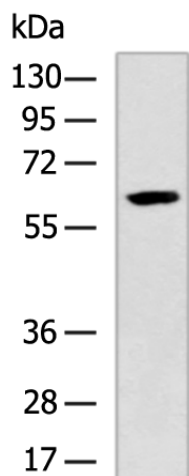
Background: This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty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



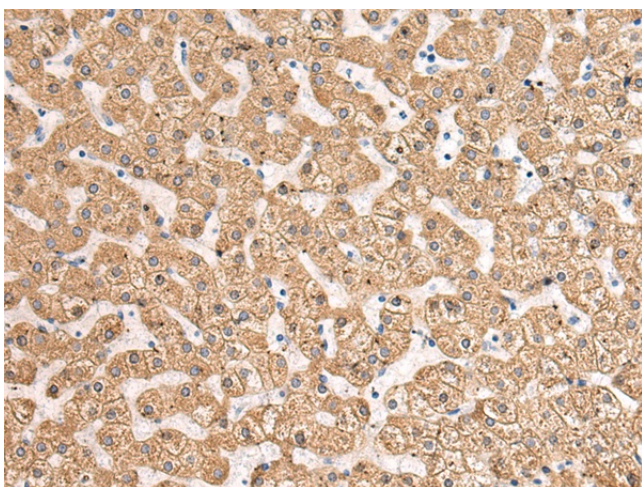
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Synonyms: ACAT; CEH; CES1A1; CES1A2; CES2; egasyn; HMSE; HMSE1; MGC117365; PCE-1; REH; SES1; TGH

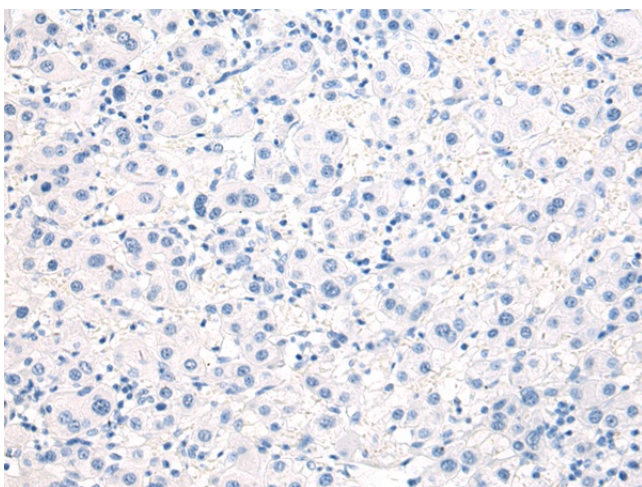
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: A549 cell lysate
Primary antibody: [TA371031] (CES1 Antibody) at dilution 1/900
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 10 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA371031] (CES1 Antibody) at dilution 1/120 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA371031] (CES1 Antibody) at dilution 1/120, treated with fusion protein. (Original magnification: ×200)