# antibodies -online.com





# anti-CES1 antibody



Image



#### Overview

Quantity:	200 μL
Target:	CES1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CES1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant fusion protein of human CES1 (NP_001257.4).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### **Target Details**

Target:	CES1
Alternative Name:	CES1 (CES1 Products)
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

# Target Details

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.
1066

Gene ID:

UniProt: P23141

Pathways: Monocarboxylic Acid Catabolic Process

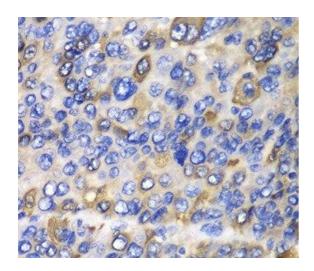
## **Application Details**

IHC 1:50-1:200 Application Notes:

Restrictions: For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human liver cancer using CES1 Polyclonal Antibody at dilution of 1:100 (40x lens).