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Datasheet for ABIN7158479  
**anti-CES1 antibody (AA 291-566) (HRP)**

### Overview

Quantity:	100 µg
Target:	CES1
Binding Specificity:	AA 291-566
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CES1 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human Liver carboxylesterase 1 protein (291-566AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	CES1
Alternative Name:	CES1 ( <a href="#">CES1 Products</a> )
Background:	Background: 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

## Target Details

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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.

Aliases: ACAT antibody, Acyl coenzyme A cholesterol acyltransferase antibody, Acyl-coenzyme A:cholesterol acyltransferase antibody, Brain carboxylesterase hBr1 antibody, Carboxylesterase ES-3 antibody, Carboxylesterase antibody, Carboxylesterase 1 (monocyte/macrophage serine esterase 1) antibody, Carboxylesterase 1 antibody, Carboxylesterase 1 deficiency, included antibody, Carboxylesterase 2, formerly antibody, CE 1 antibody, CEH antibody, Ces-1 antibody, CES1 antibody, CES2 antibody, CESDD1 antibody, Cholesterol ester hydrolase, neutral, macrophage-derived antibody, Cholesteryl ester hydrolase antibody, Cocaine carboxylesterase antibody, EC 3.1.1.1 antibody, Egasyn antibody, ES-HTEL antibody, ES-x antibody, Es22 antibody, EST1\_HUMAN antibody, Esterase 22 antibody, Esterase antibody, hCE 1 antibody, HMSE antibody, HMSE1 antibody, Liver carboxylesterase 1 antibody, Liver carboxylesterase 3 antibody, Methylumbelliferyl acetate deacetylase 1 antibody, MGC117365 antibody, MGC156521 antibody, Monocyte carboxylesterase deficiency, included antibody, Monocyte esterase deficiency, included antibody, Monocyte/macrophage serine esterase antibody, PCE-1 antibody, pl 5.5 esterase antibody, Proline-beta-naphthylamidase antibody, REH antibody, Retinyl ester hydrolase antibody, Serine esterase 1 antibody, Ses-1 antibody, SES1 antibody, TGH antibody, Triacylglycerol hydrolase antibody

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UniProt: [P23141](#)

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Pathways: [Monocarboxylic Acid Catabolic Process](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

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## Handling

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handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.