



Rabbit Anti-CES1P1 antibody

SL13867R

Product Name:	CES1P1
Chinese Name:	CES1P1蛋白抗体
Alias:	carboxylesterase 1 pseudogene 1; CES 4; CES1A2; CES1A3; CES4; CES1P_HUMAN; CESR; Inactive carboxylesterase 1 pseudogene 1; PCE 3; PCE3; Placental carboxylesterase 3; Putative inactive carboxylesterase 4.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	29kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CES1P1:201-287/287
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene is a member of the carboxylesterase (CES) gene 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 gene does not encode a protein and the

sequence is similar to the CES1 gene, so represents a pseudogene of the CES1 gene. [provided by RefSeq, Jun 2010]

Function:

CES1P1 belongs to the type-B carboxylesterase/lipase family. In contrast to other members of the family, it is shorter and lacks the C-terminal part that contains the conserved Glu and His active sites, hence it probably has no esterase activity. Could be the product of a pseudogene. It is expressed in the placenta.

Subcellular Location:

Secreted

Tissue Specificity:

Expressed in placenta.

Similarity:

Belongs to the type-B carboxylesterase/lipase family.

SWISS:

Q9UKY3

Gene ID:

51716

Database links:

[Entrez Gene: 51716](#) Human

[SwissProt: Q9UKY3](#) Human

[Unigene: 721645](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.