



CES2 rabbit pAb

Cat No.:ES7883

For research use only

Overview

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| Product Name | CES2 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications. |
| Immunogen | Synthesized peptide derived from the Internal region of human CES2. |
| Specificity | CES2 Polyclonal Antibody detects endogenous levels of CES2 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Cocaine esterase |
| Gene Name | CES2 |
| Cellular localization | Endoplasmic reticulum lumen . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 61kD |
| Human Gene ID | 8824 |
| Human Swiss-Prot Number | O00748 |
| Alternative Names | CES2; ICE; Cocaine esterase; Carboxylesterase 2; CE-2; hCE-2; Methylumbelliferyl-acetate deacetylase 2 |
| 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. The protein encoded by this gene is the major intestinal enzyme and functions in intestine drug clearance. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Oct 2010],

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

