

**bs-20183R****[ Primary Antibody ]****CES2 Rabbit pAb**

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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>ICC/IF</b> (1:100-500) <b>ELISA</b> (1:5000-10000)  <b>Reactivity:</b> (predicted: Human)  <b>Predicted MW.:</b> 59 kDa  <b>Subcellular Location:</b> Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 8824	<b>SWISS:</b> O00748	
<b>Target:</b> CES2		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CES2: 251-350/559.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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]		

**— SELECTED CITATIONS —**

- **[IF=3.329]** Zhang Y et al. Overexpressed CES2 has prognostic value in CRC and knockdown CES2 reverses L-OHP-resistance in CRC cells by inhibition of the PI3K signaling pathway. Exp Cell Res. 2020 Jan 22;111856. WB ;Human. 31981591