

Rabbit polyclonal antibody to human cytochrome P450 2E1 (251-268): Affinity purified

Catalogue No.:	R-1567-100
Description:	Cytochrome P450 2E1 belongs to the cytochrome P450 family of monooxygenases. Cytochrome P450 2E1 metabolizes many substrates including drugs, solvents such as benzene and ethylene glycol and precarcinogens. Cytochrome P450 2E1 localizes to the endoplasmic reticulum membrane and is induced by ethanol, isoniazid, the diabetic state and starvation.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide corresponding to a region (251-268 aa) from human cytochrome P450 2E1. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	EC 1.14.13; CYP1IIE1; 4-nitrophenol 2-hydroxylase; EC 1.14.13.n7; P450-J; CYP2E1; CYP2E;
Accession:	P05181 CP2E1_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human cytochrome P450 2E1 has a predicted length of 493 residues and MW of 57 kDa. A concentration of 1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human (IHC), Rat (IHC, WB), Mouse (IHC)
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Reconstitution:	Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability and at 2-8C with an appropriate antibacterial agent. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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