



CYP39A1 rabbit pAb

Cat No.:ES6516

For research use only

Overview

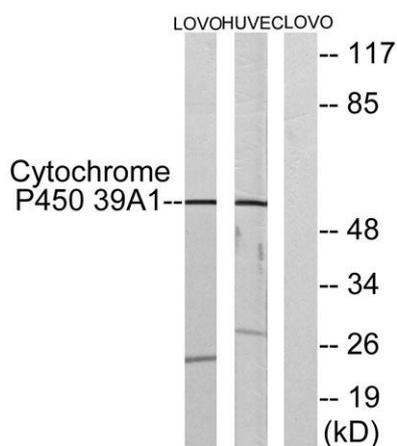
Product Name	CYP39A1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Cytochrome P450 39A1. AA range:361-410
Specificity	CYP39A1 Polyclonal Antibody detects endogenous levels of CYP39A1 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	24-hydroxycholesterol 7-alpha-hydroxylase
Gene Name	CYP39A1
Cellular localization	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Microsome membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	54kD
Human Gene ID	51302
Human Swiss-Prot Number	Q9NYL5
Alternative Names	CYP39A1; 24-hydroxycholesterol 7-alpha-hydroxylase; Cytochrome P450 39A1; hCYP39A1; Oxysterol 7-alpha-hydroxylase
Background	cytochrome P450 family 39 subfamily A member





1(CYP39A1) Homo sapiens This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This endoplasmic reticulum protein is involved in the conversion of cholesterol to bile acids. Its substrates include the oxysterols 25-hydroxycholesterol, 27-hydroxycholesterol and 24-hydroxycholesterol. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013],

Immunofluorescence analysis of A549 cells, using Cytochrome P450 39A1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO and HUVEC cells, using Cytochrome P450 39A1 Antibody. The lane on the right is blocked with the synthesized peptide.





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Immunohistochemical analysis of paraffin-embedded human spleen. 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).



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