

Product Name: CYP2S1 Rabbit Polyclonal Antibody
Catalog #: APRab09660



Summary

Production Name	CYP2S1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CYP2S1
Alternative Names	CYP2S1; Cytochrome P450 2S1; CYP11S1
Gene ID	29785.0
SwissProt ID	Q96SQ9.The antiserum was produced against synthesized peptide derived from human Cytochrome P450 2S1. AA range:181-230

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:5000.Not yet tested in other applications.
Molecular Weight	56kDa

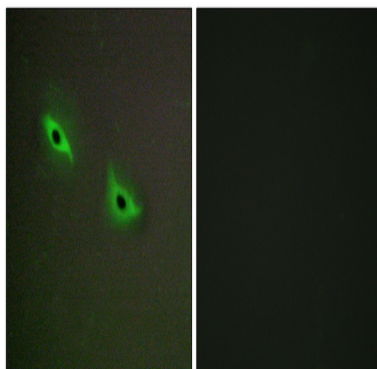
Background

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 protein localizes to the endoplasmic reticulum. In rodents, the homologous protein has been shown to metabolize certain carcinogens; however, the specific function of the human protein has not been determined. [provided by RefSeq, Jul 2008], catalytic activity: $\text{RH} + \text{reduced flavoprotein} + \text{O}_2 = \text{ROH} + \text{oxidized flavoprotein} + \text{H}_2\text{O}$, cofactor: Heme group, function: Has a potential importance for extrahepatic xenobiotic metabolism, similarity: Belongs to the cytochrome P450 family, tissue specificity: High level of expression in trachea, lung, stomach, small intestine, and spleen,.

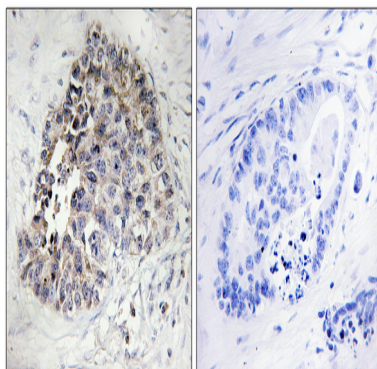
Research Area

Metabolism of xenobiotics by cytochrome P450;

Image Data

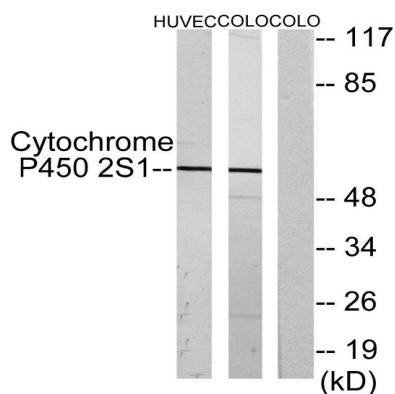


Immunofluorescence analysis of A549 cells, using Cytochrome P450 2S1 Antibody. The picture on the right is blocked with the synthesized peptide.

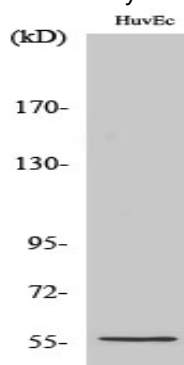


Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Cytochrome P450 2S1 Antibody. The picture on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from HUVEC and COLO cells, using Cytochrome P450 2S1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using CYP2S1 Polyclonal Antibody diluted at 1: 2000

Note

For research use only.