

Cytochrome P450 39A1 Antibody

Catalog No: #34242

Package Size: #34242-1 50ul #34242-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

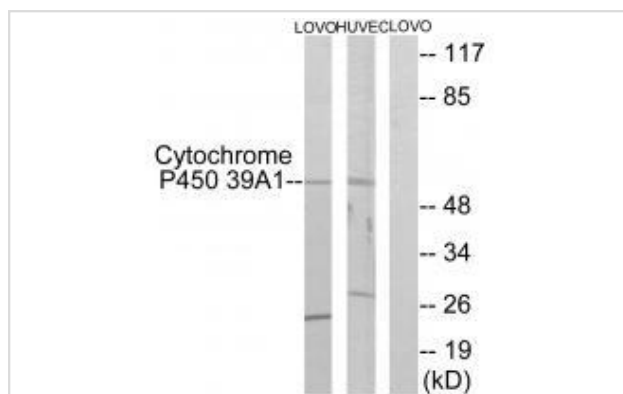
Product Name	Cytochrome P450 39A1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total Cytochrome P450 39A1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Cytochrome P450 39A1.
Target Name	Cytochrome P450 39A1
Other Names	Cytochrome P450 39A1; EC 1.14.13.99; 24-hydroxycholesterol 7-alpha-hydroxylase; Oxysterol 7-alpha-hydroxylase; Hcyp39a1
Accession No.	Swiss-Prot: Q9NYL5NCBI Gene ID: 51302
Uniprot	Q9NYL5
GeneID	51302;
SDS-PAGE MW	54kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

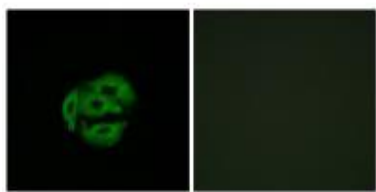
Immunofluorescence: 1:100~1:500

Images



Western blot analysis of extracts from LOVO cells and HUVEC cells, using Cytochrome P450 39A1 antibody #34242.

Immunofluorescence analysis of A549 cells, using
Cytochrome P450 3A1 antibody #34242.



Background

Involved in the bile acid metabolism. Has a preference for 24-hydroxycholesterol, and converts it into a 7- α -hydroxylated product.

Li-Hawkins J., . Biol. Chem. 275:16543-16549(2000).

The MGC Project Team, ome Res. 14:2121-2127(2004).

Note: This product is for in vitro research use only