

## Cytochrome P450 2U1 Antibody

Catalog No: #34240

Package Size: #34240-1 50ul #34240-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

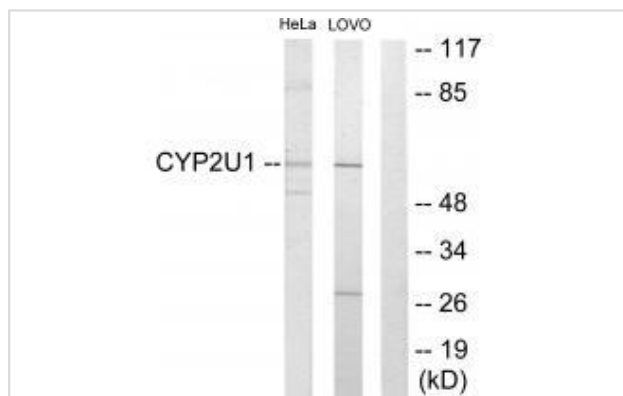
## Description

|                       |                                                                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Cytochrome P450 2U1 Antibody                                                                                                                       |
| Host Species          | Rabbit                                                                                                                                             |
| Clonality             | Polyclonal                                                                                                                                         |
| Purification          | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Applications          | WB                                                                                                                                                 |
| Species Reactivity    | Hu Ms Rt                                                                                                                                           |
| Specificity           | The antibody detects endogenous levels of total Cytochrome P450 2U1 protein.                                                                       |
| Immunogen Type        | Peptide                                                                                                                                            |
| Immunogen Description | Synthesized peptide derived from internal of human Cytochrome P450 2U1.                                                                            |
| Target Name           | Cytochrome P450 2U1                                                                                                                                |
| Other Names           | Cytochrome P450 2U1; EC 1.14.14.1; CP2U1;                                                                                                          |
| Accession No.         | Swiss-Prot: Q7Z449NCBI Gene ID: 113612                                                                                                             |
| Uniprot               | Q7Z449                                                                                                                                             |
| GeneID                | 113612;                                                                                                                                            |
| SDS-PAGE MW           | 61kd                                                                                                                                               |
| Concentration         | 1.0mg/ml                                                                                                                                           |
| Formulation           | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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

## Images



Western blot analysis of extracts from HeLa cells and Lovo cells, using Cytochrome P450 2U1 antibody #34240.

## Background

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Catalyzes the hydroxylation of arachidonic acid, docosahexaenoic acid and other long chain fatty acids. May modulate the arachidonic acid signaling pathway and play a role in other fatty acid signaling processes.

Chuang S.S., J. Biol. Chem. 279:6305-6314(2004).

Karlgren M., Biochem. Biophys. Res. Commun. 315:679-685(2004).

Choudhary D., Arch. Biochem. Biophys. 436:50-61(2005).

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Note: This product is for in vitro research use only