

Cytochrome P450 2A13 Antibody

Catalog No: #34233

Package Size: #34233-1 50ul #34233-2 100ul

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

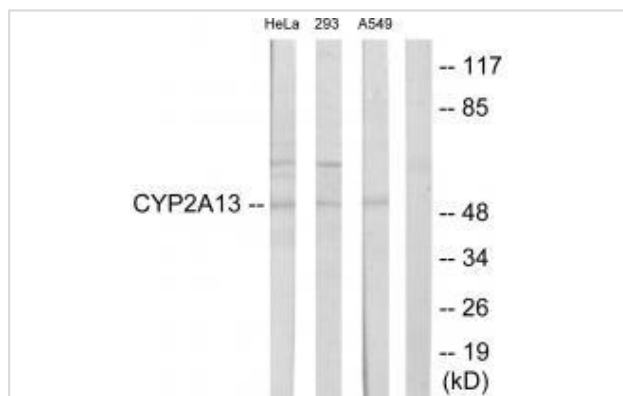
Description

Product Name	Cytochrome P450 2A13 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
Specificity	The antibody detects endogenous levels of total Cytochrome P450 2A13 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Cytochrome P450 2A13.
Target Name	Cytochrome P450 2A13
Other Names	Cytochrome P450 2A13; EC 1.14.14.1; CYP1A13; CP2AD;
Accession No.	Swiss-Prot: Q16696NCBI Gene ID: 1553
Uniprot	Q16696
GeneID	1553;
SDS-PAGE MW	56kd
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

Images



Western blot analysis of extracts from HeLa cells, 293 cells and A549 cells, using Cytochrome P450 2A13 antibody #34233.

Background

Exhibits a coumarin 7-hydroxylase activity. Active in the metabolic activation of hexamethylphosphoramide, N,N-dimethylaniline, 2'-methoxyacetophenone, N-nitrosomethylphenylamine, and the tobacco-specific carcinogen, 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. Possesses phenacetin O-deethylation activity.

Fernandez-Salguero P., Am. J. Hum. Genet. 57:651-660(1995).

Su T., cer Res. 60:5074-5079(2000).

Cauffiez C., m. Biophys. Res. Commun. 317:662-669(2004).

Note: This product is for in vitro research use only