

Cytochrome P450 4A11/22 Antibody

Catalog No: #35260

Package Size: #35260-1 50ul #35260-2 100ul

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

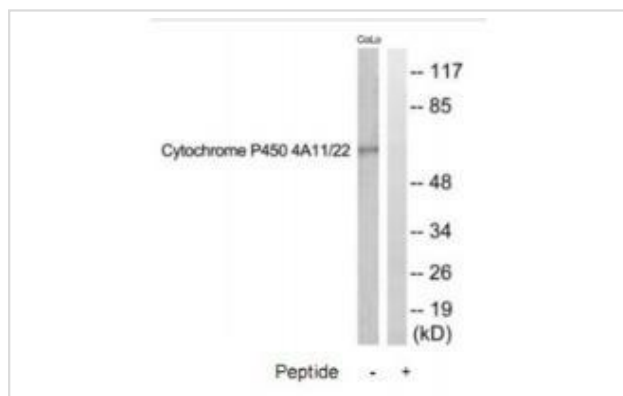
Description

Product Name	Cytochrome P450 4A11/22 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 4A11/22 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human CYTOCHROME P450 4A11/22.
Target Name	Cytochrome P450 4A11/22
Other Names	CYP4A11 protein;
Accession No.	Swiss-Prot: Q02928/Q5TCH4NCBI Gene ID: 1579/284541
Uniprot	Q02928
GeneID	1579;
SDS-PAGE MW	60kd
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 COLO205, HuvEc and HeLa cells, using CYTOCHROME P450 4A11/22 antibody #35260.

Background

Catalyzes the omega- and (omega-1)-hydroxylation of various fatty acids such as laurate, myristate and palmitate. Has little activity toward prostaglandins A1 and E1. Oxidizes arachidonic acid to 20-hydroxyeicosatetraenoic acid (20-HETE).

Capdevila J.H., Arch. Biochem. Biophys. 409:221-227(2003).

Bentley D.R., Nature 441:315-321(2006).

Shin H.D., J. Hum. Genet. 50:259-263(2005).

Note: This product is for in vitro research use only