CYP4A11/22 rabbit pAb

Cat No.:ES2110

For research use only

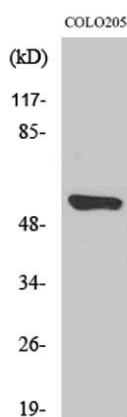## Overview

Product Name	CYP4A11/22 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Cytochrome P450 4A11/22. AA range:391-440
Specificity	CYP4A11/22 Polyclonal Antibody detects endogenous levels of CYP4A11/22 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cytochrome P450 4A11/22
Gene Name	CYP4A11/CYP4A22
Cellular localization	Endoplasmic reticulum membrane ; Peripheral membrane protein . Microsome membrane ; Peripheral membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	60kD
Human Gene ID	1579/284541
Human Swiss-Prot Number	Q02928/Q5TCH4
Alternative Names	CYP4A11; CYP4A2; Cytochrome P450 4A11; 20-hydroxyeicosatetraenoic acid synthase; 20-HETE synthase; CYP4AII; CYPIVA11; Cytochrome P-450HK-omega; Cytochrome P450HL-omega; Fatty acid omega-hydroxylase; Lauric acid omega-hydroxylase; CYP4A22; C

Background

cytochrome P450 family 4 subfamily A member 11(CYP4A11) Homo sapiens   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 and hydroxylates medium-chain fatty acids such as laurate and myristate. Multiple transcript variants have been found for this gene. [provided by RefSeq, Jan 2016],

Western Blot analysis of various cells using CYP4A11/22 Polyclonal Antibody

COLO205

(kD)

117-
85-

48-

34-

26-

19-