

Anti-Human/Mouse/Rat CYP2U1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03405

3th Edition

Description: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 enzyme is a hydroxylase that metabolizes arachidonic acid, docosahexaenoic acid, and other long chain fatty acids.CYP2U1 (Cytochrome P450 Family 2 Subfamily U Member 1) is a Protein Coding gene. Diseases associated with CYP2U1 include Spastic Paraplegia 56, Autosomal Recessive and Spastic Paraplegia 56. Among its related pathways are Cytochrome P450 - arranged by substrate type and Arachidonic acid metabolism. GO annotations related to this gene include iron ion binding and oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen. An important paralog of this gene is CYP2D6.

Antigen:Synthesized peptide derived from the Internal region of human CYP2U1

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Widely expressed with stronger expression in thymus, heart and cerebellum.