

Product datasheet for TA360525

CYP7A1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human CYP7A1

Expected reactivity: Human Specificity:

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified Conjugation: Unconjugated

For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small Storage:

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 55 kDa

Gene Name: cytochrome P450 family 7 subfamily A member 1

Database Link: NP 000771.2

Entrez Gene 1581 Human

P22680



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CYP7A1 Rabbit Polyclonal Antibody - TA360525

Background: 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 endoplasmic reticulum membrane protein catalyzes the first reaction in the cholesterol catabolic pathway in the liver, which converts cholesterol to bile acids. This reaction is the rate limiting step and the major site of regulation of bile acid synthesis, which is the primary mechanism for the removal of cholesterol from the body. Polymorphisms in the promoter of this gene are

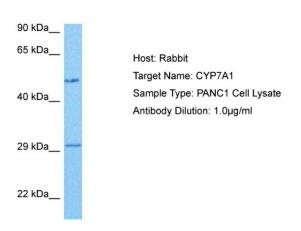
associated with defects in bile acid synthesis.

Synonyms: CP7A; CYP7; CYPVII; MGC126826; MGC138389

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, P450, Transmembrane

Protein Pathways: Metabolic pathways, PPAR signaling pathway, Primary bile acid biosynthesis

Product images:



Host: Rabbit

Target Name: CYP7A1

Sample Tissue: Human PANC1 Whole Cell lysates

Antibody Dilution: 1ug/ml