

Product datasheet for TA363649

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CYP4F12 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the C terminal region of human

CYP4F12

Specificity: Expected reactivity: Human

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

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

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 60 kDa

Gene Name: cytochrome P450 family 4 subfamily F member 12

Database Link: NP 076433.3

Entrez Gene 66002 Human

P98187

Background: Hydroxylates arachidonic acid (20:4n-6) to (18R)-hydroxyarachidonate. Shows little activity

against prostaglandin (PG) D2, PGE1, PGE2, PGF2alpha, and leukotriene B4. Catalyzes omega-2 and omega-3-hydroxylation of PGH1 and PGH2. Catalyzes epoxidation of 4,7,10,13,16,19-(Z)-docosahexaenoic acid (22:6n-3) and 7,10,13,16,19-(Z)-docosapentaenoic acid (22:5n-3) and

omega-3-hydroxylation of 4,7,10,13,16-(Z)-docosapentaenoic acid (22:5n-6). Catalyzes

hydroxylation of PGI2 and carbaprostacyclin.

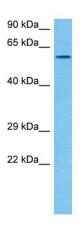




Synonyms: CYPIVF12; F22329_1

Protein Families: Druggable Genome, P450, Transmembrane

Product images:



Host: Rabbit

Target Name: CYP4F12

Sample Type: OVCAR-3 Cell Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit

Target Name: CYP4F12

Sample Tissue: Human OVCAR-3 Whole Cell

lysates

Antibody Dilution: 1ug/ml