

Product Name: Cytochrome P450 2A6/7/13 Rabbit Polyclonal Antibody
Catalog #: APRab00602

Summary

Production Name	Cytochrome P450 2A6/7/13 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	CYP2A6/CYP2A7/CYP2A13
Alternative Names	CYP2A6; CYP2A3; Cytochrome P450 2A6; 1; 4-cineole 2-exo-monooxygenase; CYP11A6; Coumarin 7-hydroxylase; Cytochrome P450 IIA3; Cytochrome P450(I); CYP2A7; Cytochrome P450 2A7; CYP11A7; Cytochrome P450 IIA4; CYP2A13; Cytochrome P450 2A13; CYP11A13
Gene ID	1548/1549/1553
SwissProt ID	P11509/P20853/Q16696

Application

Dilution Ratio	WB: 1/500-1/1000 ELISA: 1/10000
Molecular Weight	Calculated MW: 56 kDa; Observed MW: 56 kDa

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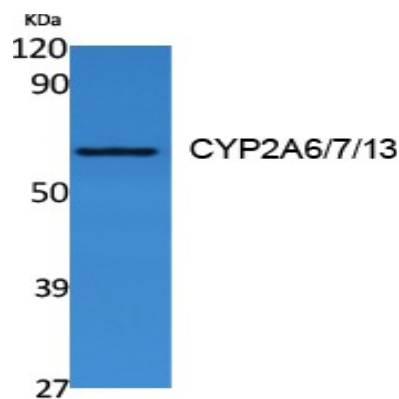
Background

Exhibits a high coumarin 7-hydroxylase activity. Can act in the hydroxylation of the anti-cancer drugs cyclophosphamide and ifosphamide. Competent in the metabolic activation of aflatoxin B1. Constitutes the major nicotine C-oxidase. Acts as a 1,4-cineole 2-exo-monooxygenase. Possesses low phenacetin O-deethylation activity.

Research Area

Cardiovascular

Image Data



Western blot analysis of Cytochrome P450 2A6/7/13 in Jurkat lysates using CYP2A6/7/13 antibody.

Note

For research use only.