

# CYP4A22 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58268

## Product Information

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Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	<a href="#">Q5TCH4</a>
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59246

## Additional Information

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Gene ID	284541
Other Names	Cytochrome P450 4A22, CYP4A22, Fatty acid omega-hydroxylase, Lauric acid omega-hydroxylase, Long-chain fatty acid omega-monooxygenase, 1.14.14.80, CYP4A22
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

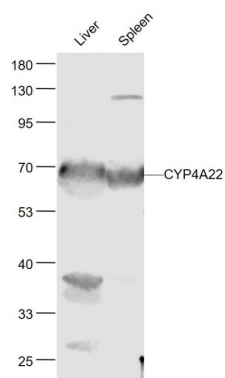
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Name	CYP4A22
Function	Catalyzes the omega- and (omega-1)-hydroxylation of various fatty acids such as laurate and palmitate. Shows no activity towards arachidonic acid and prostaglandin A1. Lacks functional activity in the kidney and does not contribute to renal 20-hydroxyeicosatetraenoic acid (20-HETE) biosynthesis.
Cellular Location	Endoplasmic reticulum membrane; Peripheral membrane protein. Microsome membrane; Peripheral membrane protein

## Images

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Sample:



Liver (Mouse) Lysate at 40 ug  
Spleen (Mouse) Lysate at 40 ug  
Primary: Anti-CYP4A22 (AP58268) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution  
Predicted band size: 58 kD  
Observed band size: 58 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.