

CYP4F11 antibody

Product Information

Catalog No.:	FNab02170
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Omega-hydroxylase that oxidizes a variety of structurally unrelated compounds, including fatty acids and xenobiotics. Plays a key role in vitamin K catabolism by mediating omega-hydroxylation of vitamin K1(phyloquinone), and menaquinone-4(MK-4), a form of vitamin K2. Hydroxylation of phyloquinone and MK-4 probably regulates blood coagulation(PubMed:24138531). Catalyzes omega-hydroxylation of 3-hydroxy fatty acids, such as 3-hydroxypalmitate, 3-hydroxyoleate, 3-hydroxyarachidonate, and 3-hydroxystearate(PubMed:18065749, PubMed:19932081). Oxidizes drugs such as erythromycin, benzphetamine, ethylmorphine, chlorpromazine and imipramine(PubMed:15364545).

Immunogen information

Immunogen:	cytochrome P450, family 4, subfamily F, polypeptide 11
Synonyms:	Cytochrome P450 4F11 (CYPIVF11) 3-hydroxy fatty acids omega-hydroxylase CYP4F11 Docosahexaenoic acid omega-hydroxylase Long-chain fatty acid omega-monooxygenase Phylloquinone omega-hydroxylase CYP4F11 CYP4F11
Observed MW:	57 kDa
Uniprot ID :	Q9HBI6

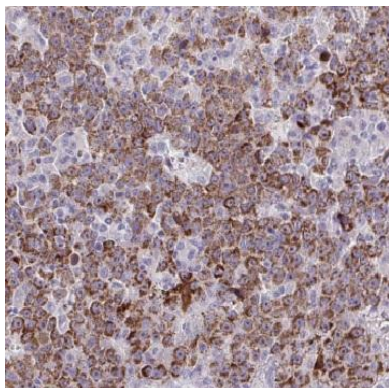
Application

Reactivity:	Human
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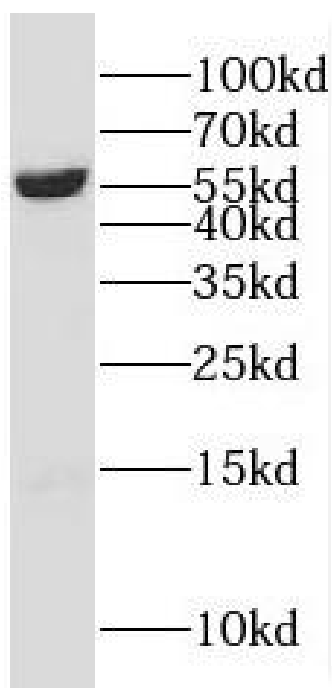
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human liver cancer using FNab02170(CYP4F11 antibody) at dilution of 1:100



human liver tissue were subjected to SDS PAGE followed by western blot with FNab02170(CYP4F11 antibody) at dilution of 1:500