

CYP4F11 Polyclonal Antibody

Catalog number: 12286-1-AP

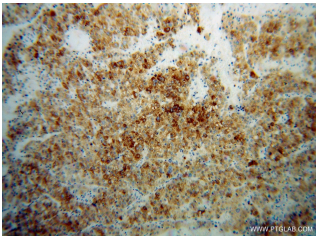
Size: 29 µg/150 µl

Source: Rabbit

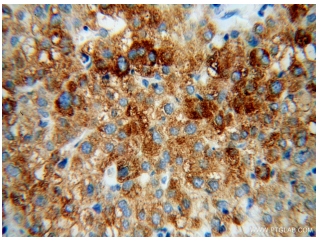
Isotype: IgG

Synonyms:

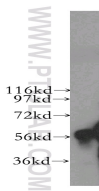
CYP4F11; CYP4F11, Cytochrome P450 4F11, CYP11B1



Immunohistochemical of paraffin-embedded human liver cancer using 12286-1-AP(CYP4F11 antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human liver cancer using 12286-1-AP(CYP4F11 antibody) at dilution of 1:100 (under 40x lens)



human liver tissue were subjected to SDS PAGE followed by western blot with 12286-1-AP(CYP4F11 antibody) at dilution of 1:500

Background

CYP4F11, also named as CYP11B1, belongs to the cytochrome P450 family. It is the lone CYP4F/A enzyme that effectively oxidized 3-hydroxypalmitate. It is the predominant catalyst of this fatty acid oxidation reaction in human liver. CYP4F11 is one of the primary human epidermal keratinocytes. It is positively regulated by multiple signaling pathways in HaCaT keratinocytes, including RXR and JNK signaling pathways. (PMID:19812349)

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	ChIP, WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated CYP4F11 MW:	524aa,60 kDa
Observed CYP4F11 MW:	57kd
Positive WB detected in	Human liver tissue, human kidney tissue
Positive IHC detected in	Human liver cancer
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2906
GenBank accession number:	BC016853
Gene ID (NCBI):	57834
Full name:	Cytochrome P450, family 4, subfamily F, polypeptide 11

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.