

CYP4F12 Polyclonal Antibody

Catalog number: 13243-1-AP

Size: 11 µg/150 µl

Source: Rabbit

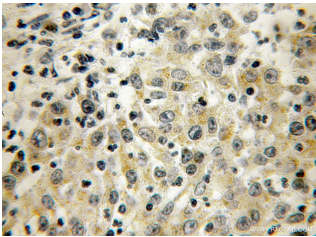
Isotype: IgG

Synonyms:

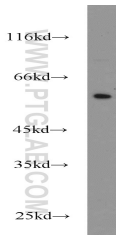
CYP4F12; CYP4F12, CYP1V12,

Cytochrome P450 4F12,

F22329_1



Immunohistochemical of paraffin-embedded human colon cancer using 13243-1-AP(CYP4F12 antibody) at dilution of 1:100 (under 40x lens)



human placenta tissue were subjected to SDS PAGE followed by western blot with 13243-1-AP(CYP4F12 antibody) at dilution of 1:500

Background

CYP4F12(Cytochrome P450 4F12) Catalyzes leukotriene B4 omega-hydroxylation and arachidonic acid omega-hydroxylation but with an activity much lower than that of CYP4F2. It expresses a band of 60KDa in adult and foetal liver, kidney, placenta at term, seminal vesicles, the prostate gland(PMID:15078342). And it can be phosphorylated in vivo(PMID:18828626).

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated CYP4F12 MW:	524aa, 60kd
Observed CYP4F12 MW:	60kd
Positive WB detected in	Human placenta tissue
Positive IHC detected in	Human colon cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

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

Immunogen information

Immunogen:	Ag3957
GenBank accession number:	BC035350
Gene ID (NCBI):	66002
Full name:	Cytochrome P450, family 4, subfamily F, polypeptide 12

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.