

For Research Use Only

CYP4F12 Polyclonal antibody

Catalog Number: 13243-1-AP



Basic Information

Catalog Number: 13243-1-AP	GenBank Accession Number: BC035350	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 110 µg/ml by Nanodrop and 73 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 66002	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: cytochrome P450, family 4, subfamily F, polypeptide 12	
Isotype: IgG	Calculated MW: 524 aa, 60 kDa	
Immunogen Catalog Number: AG3957	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human placenta tissue,
Species Specificity: human, mouse	

Background Information

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).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

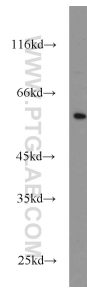
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 13243-1-AP (CYP4F12 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.