

For Research Use Only

CYP7B1 Recombinant antibody, PBS Only



Catalog Number: 82927-1-PBS

Basic Information

Catalog Number: 82927-1-PBS	GenBank Accession Number: BC136574	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 9420	CloneNo.: 230160H5
Source: Rabbit	UNIPROT ID: O75881	
Isotype: IgG	Full Name: cytochrome P450, family 7, subfamily B, polypeptide 1	
Immunogen Catalog Number: AG19374	Calculated MW: 506 aa, 58 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications:
Indirect ELISA, IF/ICC, WB

Species Specificity:
human

Background Information

CYP7B1(Cytochrome P450 7B1) is also named as 25-hydroxycholesterol 7-alpha-hydroxylase and belongs to the cytochrome P450 family. It catalyzes the first and rate-limiting step in the coconversion of cholesterol to bile acids and CYP7B1-mediated catalysis may play a role for control of the cellular levels of androgens, not only of estrogens.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

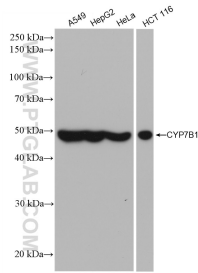
For technical support and original validation data for this product please contact:

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

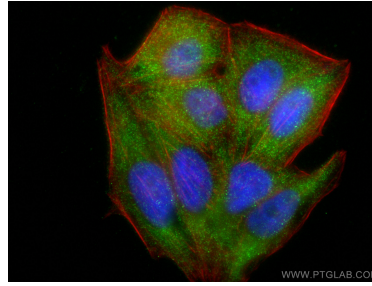
E: proteintech@ptglab.com
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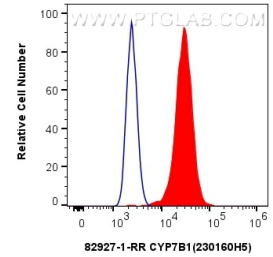
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82927-1-RR (CYP7B1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82927-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CYP7B1 antibody (82927-1-RR, Clone: 230160H5) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red). This data was developed using the same antibody clone with 82927-1-PBS in a different storage buffer formulation.



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug CYP7B1 Recombinant antibody (82927-1-RR, Clone:230160H5) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 82927-1-PBS in a different storage buffer formulation.