

For Research Use Only

CYP7A1 Recombinant antibody, PBS Only

Catalog Number: 86045-2-PBS



Basic Information

Catalog Number: 86045-2-PBS	GenBank Accession Number: BC101777	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1581	CloneNo.: 250554G10
Source: Rabbit	UNIPROT ID: P22680	
Isotype: IgG	Full Name: cytochrome P450, family 7, subfamily A, polypeptide 1	
Immunogen Catalog Number: AG12572	Calculated MW: 504 aa, 58 kDa	
	Observed MW: 58 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

CYP7A1 (Cytochrome P450 Family 7 Subfamily A Member 1), is a cholesterol 7 α -hydroxylase, catalyzing the first and rate-limiting step in the neutral or classic pathway for bile acid biosynthesis. CYP7A1 is a postulated gene modifier of colorectal cancer risk and target for the therapeutic bile acid, ursodeoxycholic acid (UDCA). The CYP7A1 enzyme controls the rate-limiting step of the catabolism of cholesterol into bile acids in the liver.

Storage

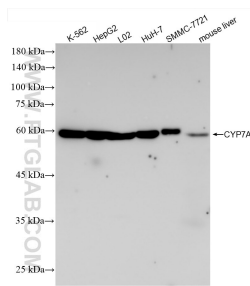
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86045-2-RR (CYP7A1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86045-2-PBS in a different storage buffer formulation.