

For Research Use Only

UGT3A1 Polyclonal antibody, PBS Only

Catalog Number:17268-1-PBS



Basic Information

Catalog Number: 17268-1-PBS	GenBank Accession Number: BC035012	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 133688	
Source: Rabbit	UNIPROT ID: Q6NUS8	
Isotype: IgG	Full Name: UDP glycosyltransferase 3 family, polypeptide A1	
Immunogen Catalog Number: AG11020	Calculated MW: 59 kDa	
	Observed MW: 53 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

UGT3A1 (UDP Glycosyltransferase Family 3 Member A1) belongs to UDP-Glucuronosyltransferases (UGTs) superfamily. UGTs are membrane-bound enzymes localized at the subcellular level in the endoplasmic reticulum (ER) with an active site facing the luminal side of the ER membrane. The genetic variation in UGT enzymes can modulate its regulation and expression, influencing UGT activity and resulting in pharmacological and physiologic effects. UGT3 family enzymes (UGT3A1 and UGT3A2) are expressed in the thymus, testis, and kidney, with a potential role in the metabolism of ursodeoxycholic acid during the treatment of cholestasis or gallstones.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

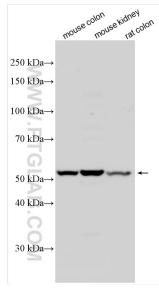
For technical support and original validation data for this product please contact:

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

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

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17268-1-AP (UGT3A1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17268-1-PBS in a different storage buffer formulation.