

For Research Use Only

UGT1A10 Polyclonal antibody

Catalog Number:14457-1-AP



Basic Information

Catalog Number: 14457-1-AP	GenBank Accession Number: BC053576	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 54575	Recommended Dilutions: WB 1:2000-1:12000
Source: Rabbit	UNIPROT ID: Q9HAW8	
Isotype: IgG	Full Name: UDP glucuronosyltransferase 1 family, polypeptide A10	
Immunogen Catalog Number: AG6052	Calculated MW: 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293T cells, HeLa cells, L02 cells
Species Specificity: human	

Background Information

UGT1A10 belongs to the superfamily of UDP-glucuronosyltransferases (UGTs) catalyzing the glucuronidation reaction, which is important in the detoxification and enhanced elimination of many endogenous and exogenous substrates. Recently, UGT1A10 was the only enzyme in all 19 known human UGTs to catalyze DA glucuronidation. The UGT1As, among three subfamilies (1A, 2A, and 2B) found in human, share a common C-terminal domain of 245 residues. The N-terminal domains that determine their substrate-binding specificity are variable.

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

*** 20ul sizes contain 0.1% BSA

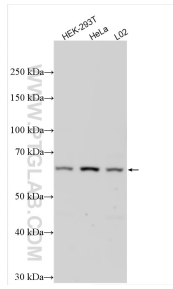
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14457-1-AP (UGT 1A10 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.