

For Research Use Only

UGT1A10 Polyclonal antibody

Catalog Number: 14457-1-AP



Basic Information

Catalog Number:

14457-1-AP

Size:

550 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6052

GenBank Accession Number:

BC053576

GeneID (NCBI):

54575

UNIPROT ID:

Q9HAW8

Full Name:

UDP glucuronosyltransferase 1 family, polypeptide A10

Calculated MW:

60 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293T cells, HeLa cells, L02 cells

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

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

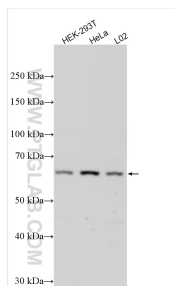
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14457-1-AP (UGT1A10 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.