

For Research Use Only

UGT3A1 Polyclonal antibody

Catalog Number: 17268-1-AP



Basic Information

Catalog Number:

17268-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11020

GenBank Accession Number:

BC035012

GeneID (NCBI):

133688

UNIPROT ID:

Q6NUS8

Full Name:

UDP glycosyltransferase 3 family, polypeptide A1

Calculated MW:

59 kDa

Observed MW:

53 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse colon tissue, mouse kidney tissue, rat colon tissue

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

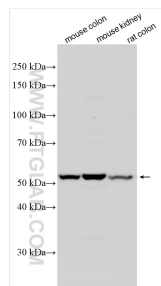
For technical support and original validation data for this product please contact:

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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 17268-1-AP (UGT3A1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.