

For Research Use Only

# UGT3A1 Polyclonal antibody, PBS Only

Catalog Number:17268-1-PBS



## Basic Information

Catalog Number:

17268-1-PBS

Concentration:

1 mg/ml

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

## 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.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

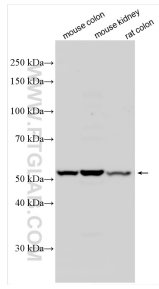
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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.