

For Research Use Only

UGT1A6 Polyclonal antibody

Catalog Number: 13127-2-AP

2 Publications



Basic Information

Catalog Number:

13127-2-AP

Size:

150ul, Concentration: 147 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3792

GenBank Accession Number:

BC019861

GeneID (NCBI):

54578

UNIPROT ID:

P19224

Full Name:

UDP glucuronosyltransferase 1 family, polypeptide A6

Calculated MW:

532 aa, 61 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

Background Information

UGT1A6 belongs to the UDP-glycosyltransferase family functioning to catalyze the transfer of glycosyl groups to lipophilic substrates, which play a key role in the inactivation and elimination of many endogenous and exogenous compounds. UGT1A6 is responsible for the glucuronidation of many xenobiotics and several drugs, like paracetamol, valproate, and deferiprone. It also metabolizes several important endogenous substrates such as serotonin. Polymorphisms exist in UGT1A6 gene. Studies have demonstrated very widespread variability in the expression of UGT1A6 in liver.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiao-Hong Shu	25588581	Neurotherapeutics	WB, IHC
Sun Zheng Z	23989725	Cancer Chemother Pharmacol	WB, IHC

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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