

For Research Use Only

# UGT1A6 Polyclonal antibody

Catalog Number: 13127-2-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 13127-2-AP	<b>GenBank Accession Number:</b> BC019861	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 147 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 54578	
<b>Source:</b> Rabbit	<b>Full Name:</b> UDP glucuronosyltransferase 1 family, polypeptide A6	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 532 aa, 61 kDa	
<b>Immunogen Catalog Number:</b> AG3792		

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
IHC, WB

**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:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data