

For Research Use Only

CYP4B1 Polyclonal antibody

Catalog Number: 11771-1-AP **1 Publications**



Basic Information

Catalog Number: 11771-1-AP	GenBank Accession Number: BC017758	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1580	Recommended Dilutions: WB 1:500-1:1500 IP 0.5-4.0 ug for IP and 1:500-1:1000
Source: Rabbit	Full Name: cytochrome P450, family 4, subfamily B, polypeptide 1	for WB IHC 1:20-1:200
Isotype: IgG	Calculated MW: 512 aa, 59 kDa	
Immunogen Catalog Number: AG2416	Observed MW: 55-59 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IHC	WB: mouse lung tissue, A549 cells, rat kidney tissue
Species Specificity: human, mouse, rat	IP: mouse lung tissue,
Cited Species: human	IHC: human lung cancer tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Shihua Bao	36355621	Hum Reprod	IHC

Storage

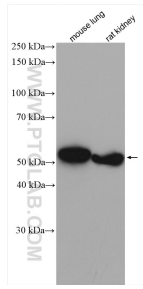
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

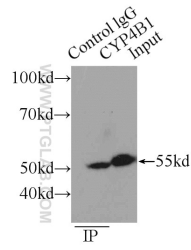
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

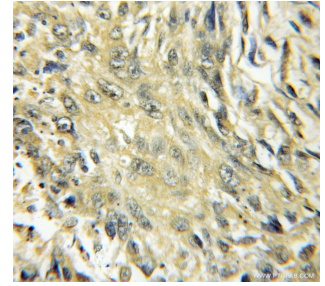
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11771-1-AP (CYP4B1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP Result of anti-CYP4B1 (IP:11771-1-AP, 4ug; Detection:11771-1-AP 1:500) with mouse lung tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 11771-1-AP (CYP4B1 antibody) at dilution of 1:50 (under 10x lens).