

For Research Use Only

# CYB5R1 Polyclonal antibody

Catalog Number: 11807-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 11807-1-AP	<b>GenBank Accession Number:</b> BC018732	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51706	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> cytochrome b5 reductase 1	<b>IHC 1:20-1:200</b> <b>IF 1:10-1:100</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 305 aa, 34 kDa	
<b>Immunogen Catalog Number:</b> AG2475	<b>Observed MW:</b> 34 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : human placenta tissue, human brain tissue, PC-3 cells IP : human placenta tissue, IHC : human breast cancer tissue, IF : PC-3 cells,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Daisaku Yoshihara	36469660	Free Radic Res	WB
Tingting Zhao	36747266	J Transl Med	WB

## Storage

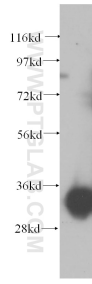
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

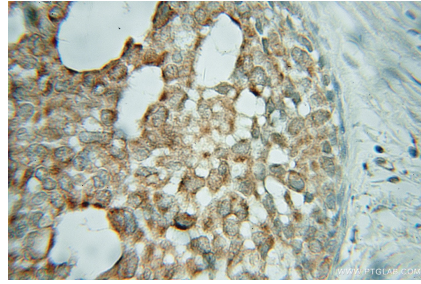
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

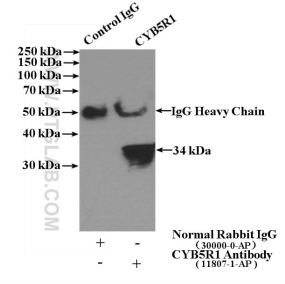
## Selected Validation Data



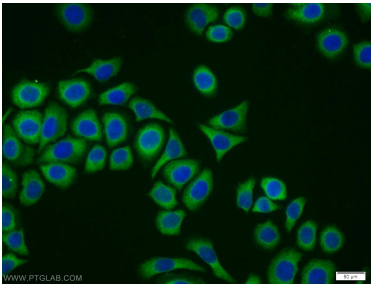
human placenta tissue were subjected to SDS PAGE followed by western blot with 11807-1-AP (CYB5R1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer using 11807-1-AP (CYB5R1 antibody) at dilution of 1:50 (under 10x lens).



IP Result of anti-CYB5R1 (IP:11807-1-AP, 4ug; Detection:11807-1-AP 1:1000) with human placenta tissue lysate 1520ug.



Immunofluorescent analysis of PC-3 cells using 11807-1-AP (CYB5R1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).