

For Research Use Only

# CYB5R1 Polyclonal antibody

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



## Basic Information

**Catalog Number:**

11807-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2475

**GenBank Accession Number:**

BC018732

**GeneID (NCBI):**

51706

**UNIPROT ID:**

Q9UHQ9

**Full Name:**

cytochrome b5 reductase 1

**Calculated MW:**

305 aa, 34 kDa

**Observed MW:**

34 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF 1:10-1:100

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

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

**Positive Controls:**

WB : human placenta tissue, human brain tissue, PC-3 cells

IP : human placenta tissue,

IHC : human breast cancer tissue,

IF : PC-3 cells,

## 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

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

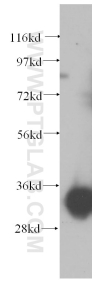
T: 4006900926

E: Proteintech-CN@ptglab.com

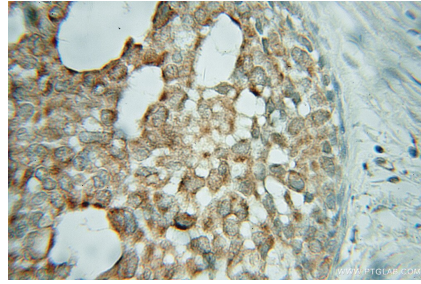
W: ptgcn.com

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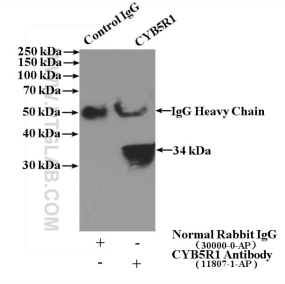
## Selected Validation Data



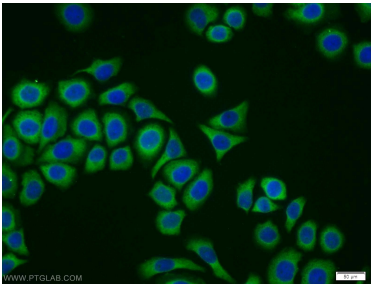
human placenta tissue were subjected to SDS PAGE followed by western blot with 11807-1-AP (CYB5R1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).