

For Research Use Only

# CYP7A1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 86045-3-PBS



## Basic Information

Catalog Number:

86045-3-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12572

GenBank Accession Number:

BC101777

GeneID (NCBI):

1581

UNIPROT ID:

P22680

Full Name:

cytochrome P450, family 7, subfamily A, polypeptide 1

Calculated MW:

504 aa, 58 kDa

Purification Method:

Protein A purification

CloneNo.:

250554A10

## Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

## Background Information

### Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

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

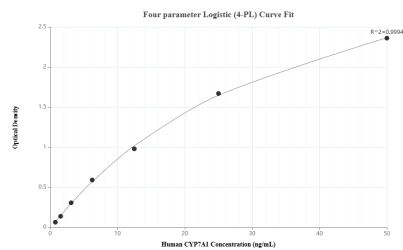
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

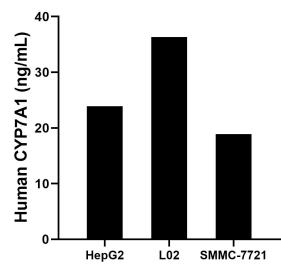
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP02333-1, Human CYP7A1 Recombinant Matched Antibody Pair - PBS only. 86045-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12572. 86045-3-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean CYP7A1 concentration was determined to be 23.92 ng/mL in HepG2 cell extract based on a 0.9 mg/mL extract load, 36.30 ng/mL in L02 cell extract based on a 1.3 mg/mL extract load and 18.87 ng/mL in SMC-7721 cell extract based on a 2.2 mg/mL extract load.