

For Research Use Only

CYTB Polyclonal antibody

Catalog Number: 55090-1-AP

81 Publications



Basic Information

Catalog Number:

55090-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

YP_003024038

GeneID (NCBI):

4519

UNIPROT ID:

P00156

Full Name:

cytochrome b

Calculated MW:

43 kDa

Observed MW:

43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human, rat, mouse

Positive Controls:

WB : HepG2 cells, MDA-MB-231 cells, T-47D cells

Background Information

CYTB, also named as COB and MTCYB, is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is a respiratory chain that generates an electrochemical potential coupled to ATP synthesis. It's mitochondrion membrane protein with MW 43 kDa.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-------------|-----------|--------------|-------------|
| Uwe Richter | 30262910 | Nat Commun | WB |
| Beiwu Lan | 36116558 | Exp Cell Res | WB |
| Jialin Sun | 36053001 | Adipocyte | 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:

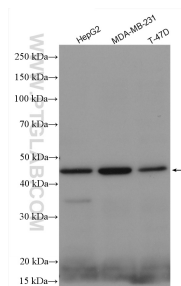
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 55090-1-AP (CYTB antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.