## **Anti-ATP1B4 antibody**

Catalog Number: 104097



Product name

Anti-ATP1B4 antibody

**Specificity** 

Human ATP1B4

**Antibody description** 

Rabbit monoclonal to ATP1B4

**Preparation** 

This antibody was obtained from a rabbit immunized with purified, recombinant Human ATP1B4 (mature form, NP\_036201.1; Tyr 132-Thr 357).

**Formulation** 

 $0.2~\mu m$  filtered solution in PBS with 5% trehalose

**Storage** 

This antibody can be stored at  $2^{\circ}\text{C-8}^{\circ}\text{C}$  for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

**Ig Type** 

Rabbit IgG

**Applications** 

ELISA, WB, IP

**Dilutions** 

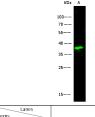
WB: 10-20 µg/ml

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2  $\mu g/mL$  with the appropriate secondary reagents to detect Human ATP1B4. The detection limit for Human ATP1B4 is approximately 0.0195 ng/well.

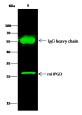
IP:  $1-4 \mu g/mg$  of lysate

## **Validations**



| Lanes                                   | A  |
|---|--|
| Sample<br>(Membrane Lysate)             | HepG2  |
| Sample Volume<br>(µg/lane)              | 20   |
| Gel                                     | 13%SDS-PAGE reducing gel   |
| Recommended<br>Concentration            | 10-20μg/ml   |
| Secondary Antibody                      | Dylight 800-labeled Antibody To Rabbit IgG<br>(H+L), at 1:5000 dilution. |
| Developed using Odyssey imaging system. |  |
| Explaination                            | Predicted band size : 42kDa<br>Observed band size : 38 kDa               |

ATP1B4 Antibody, Rabbit MAb, Western blot



| Lanes                         | A  |
|-------------------------------|--|
| Sample<br>(whole cell lysate) | Caco2  |
| Sample quantity               | 0.5 mg   |
| IP antibody quantity          | 2 µg   |
| Protein G agarose             | 15 µl of 50% Protein G Agarose   |
| Gel                           | 13% SDS-PAGE reducing gel  |
| Primary antibody              | mHPGD antibody at 5 μg/ml [Cat# 50531-R101]                              |
| Secondary antibody            | Dylight 800-labeled antibody to rabbit IgG<br>(H+L), at 1:5000 dilution. |

ATP1B4 Antibody, Rabbit MAb, Immunoprecipitation