

# Anti-AIMP1/EMAP II antibody



Catalog Number: 102406

## Product name

Anti-AIMP1/EMAP II antibody

## Immunogen

[Mouse AIMP1/EMAP II recombinant protein](#)

## Specificity

Mouse AIMP1 / EMAP II

## Antibody description

Rabbit polyclonal to AIMP1/EMAP II

## Preparation

Produced in rabbits immunized with purified, recombinant Mouse AIMP1 / EMAP II (rh AIMP1 / EMAP II; Q62386; Ser145-Lys310). AIMP1 / EMAP II specific IgG was purified by Mouse AIMP1 / EMAP II affinity chromatography.

## Formulation

0.2 µm filtered solution in PBS

## Storage

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

Polyclonal

## Ig Type

Rabbit IgG

## Applications

ELISA, WB, IP

## Dilutions

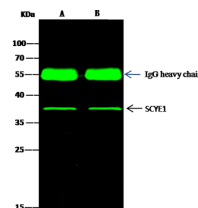
WB: 5-10 µg/mL

ELISA: 0.1-0.2 µg/mL

This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect Mouse AIMP1 / EMAP II. The detection limit for Mouse AIMP1 / EMAP II is < 0.039 ng/well.

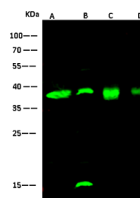
IP: 1-4 µg/mg of lysate

## Validations



| Items                      | Lanes | A   | B    |
|----------------------------|-------|---|------|
| Sample (whole cell lysate) |       | HepG2   | 293T |
| Sample quantity            |       | 0.5 mg  |      |
| IP antibody quantity       |       | 2 µg  |      |
| Protein Agarose            |       | 15 µl of 50% Protein G Agarose                                      |      |
| Gel                        |       | 13% SDS-PAGE reducing gel   |      |
| Primary antibody           |       | mSCYE1 antibody at 5 µg/ml  |      |
| Secondary antibody         |       | Dylight 800-labeled antibody to rabbit IgG (H+), at 1:5000 dilution |      |

AIMP1 / EMAP II Antibody, Rabbit PAb, Antigen Affinity Purified, Immunoprecipitation



| Items                     | Lanes | A   | B                       | C                        | D                         |
|---------------------------|-------|---|-------------------------|--------------------------|---------------------------|
| Sample                    |       | Jurkat (whole cell lysate)  | Rat brain tissue lysate | 293T (whole cell lysate) | HepG2 (whole cell lysate) |
| Sample Volume (µg/lane)   |       | 30  | 30                      | 30                       | 30                        |
| Gel                       |       | 13% SDS-PAGE reducing gel   |                         |                          |                           |
| Recommended Concentration |       | 5-10 µg/ml  |                         |                          |                           |
| Secondary Antibody        |       | Dylight 800-labeled Antibody To Rabbit IgG (H+), at 1:5000 dilution.<br>Developed using Odyssey imaging system.   |                         |                          |                           |
| Explanation               |       | Predicted band size : 34 kDa<br>Observed band size : 38 kDa<br>Additional bands at : 17 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings). |                         |                          |                           |

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