

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

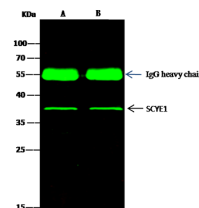
WB: 5-10 µg/mL

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.

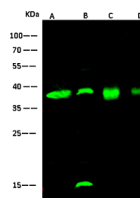
IP: 1-4 µg/mg of lysate

Validations



Items	Lanes	A	B
Sample (whole cell lysate)		HepG2	293T
Sample quantity		0.5 mg	
IP antibody quantity		2 µg	
Protein G 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. Developed using Odyssey imaging system.			
Explanation		Predicted band size : 34 kDa Observed band size : 38 kDa Additional bands at : 17 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).			

AIMP1 / EMAP II Antibody, Rabbit PAb, Antigen Affinity Purified, Western blot