# Anti-AIMP1 Polyclonal Antibody

## Summary

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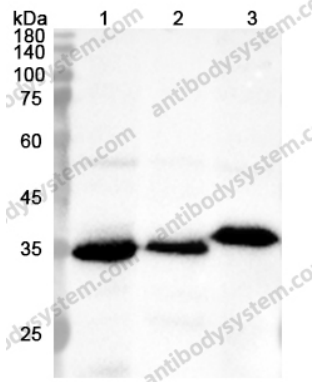
|---|---|
| **Catalog No.** | PHG33101 |
| **Host species** | Rabbit |
| **Tested applications** | ELISA: 1:4000-1:8000, IHC: 1:50-1:100, WB: 1:1000-1:4000 |
| **Species reactivity** | Human, Mouse |
| **Immunogen** | E. coli - derived recombinant Human AIMP1 (Lys148-Lys312). |
| **Form** | Liquid |
| **Storage buffer** | 0.01M PBS, pH 7.4, 50% Glycerol, 0.05% Proclin 300. |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Applications** | ELISA, IHC, WB |
| **Target** | AIMP1,Endothelial monocyte-activating polypeptide II,EMAP-II,Aminoacyl tRNA synthase complex-interacting multifunctional protein 1,EMAP-2,SCYE1,EMAP2,Multisynthase complex auxiliary component p43,Small inducible cytokine subfamily E member 1 |
| **Purification** | Purified by antigen affinity column. |
| **Accession** | Q12904 |
| **Stability and Storage** | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt. |
| **Note** | For research use only. |

# Data Image



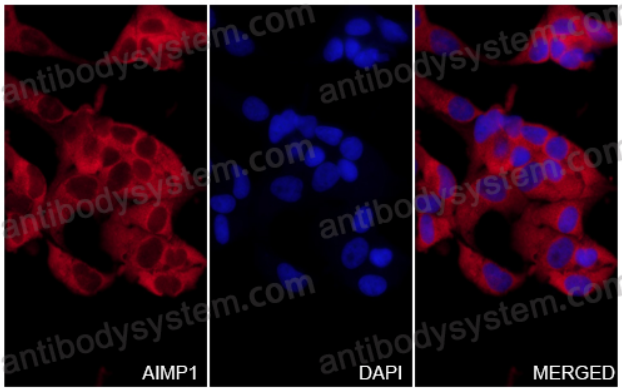

Western blot

Various lysates were subjected to SDS PAGE followed by western blot with AIMP1 antibody (PHG33101) at 0.47µg/ml.

Lane 1: Hela cell lysate
Lane 2: 293T cell lysate
Lane 3: NIH-3T3 cell lysate

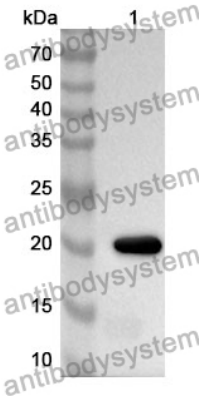
Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 35 kDa
Observed MW: 35 kDa




Immunocytochemistry/ Immunofluorescence

AIMP1 in Hela Cell Line.
The Hela cells were fixed with 4% paraformaldehyde (20 min), and then blocked with 5% goat serum for 1h. And the cells were incubated for 2h at 37°C with AIMP1 (PHG33101) at 4.7 µg/ml. The section was then incubated with Goat Anti-Rabbit IgG (Alexa Fluor-594) preabsorbed at 1/100 dilution (Shown in red) for 1 hour at room temperature.Nuclear DNA was labelled with DAPI (shown in blue).



Western Blot

Recombinant Protein lysates were subjected to SDS PAGE followed by western blot with AIMP1 antibody (PHG33101) at 1 µg/ml.

Lane 1: Recombinant Protein

Second Ab: Goat Anti-Rabbit IgG H&L Polyclonal antibody, HRP (PTB96431) at 0.1 µg/mL.

Predict MW: 20 kDa
Observed MW: 20 kDa