

## Anti-EMAP II/AIMP1 Antibody

Catalog Number: A03109-1

### About AIMP1

The protein encoded by this gene is a cytokine that is specifically induced by apoptosis, and it is involved in the control of angiogenesis, inflammation, and wound healing. The release of this cytokine renders the tumor-associated vasculature sensitive to tumor necrosis factor. The precursor protein is identical to the p43 subunit, which is associated with the multi-tRNA synthetase complex, and it modulates aminoacylation activity of tRNA synthetase in normal cells. This protein is also involved in the stimulation of inflammatory responses after proteolytic cleavage in tumor cells. Multiple transcript variants encoding different isoforms have been found for this gene. A pseudogene has been identified on chromosome 20.

### Overview

Product Name	Anti-EMAP II/AIMP1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-EMAP II/AIMP1 Antibody catalog # A03109-1. Tested in WB, IHC, ICC/IF, IP, ELISA applications. This antibody reacts with Human, Mouse.
Application	ELISA, IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q12904

### Technical Details

Immunogen	E.coli-derived human AIMP1 recombinant protein (Position: 3-309).
Form	Liquid
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Suggested Dilutions	Western blot, 1:500-2000

Immunohistochemistry, 1:50-400  
Immunocytochemistry/Immunofluorescence, 1:50-400  
Immunoprecipitation, 1:250-300  
ELISA, 1:100-1000

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