

EMAP II antibody

Catalog No: #22440

Orders: order@signalwayantibody.com

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Description

Product Name	EMAP II antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 233 of EMAP II
Target Name	EMAP II
Other Names	p43; AIMP1; EMAP2; EMAPII
Accession No.	Swiss-Prot:Q12904Gene ID:9255
Uniprot	Q12904
GeneID	9255;
Concentration	0.5mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

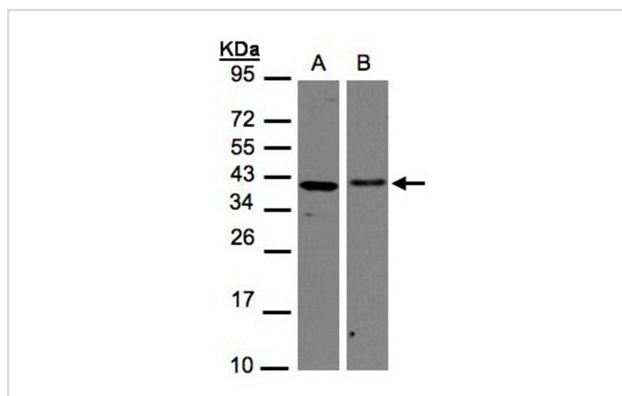
Application Details

Predicted MW: 34kd

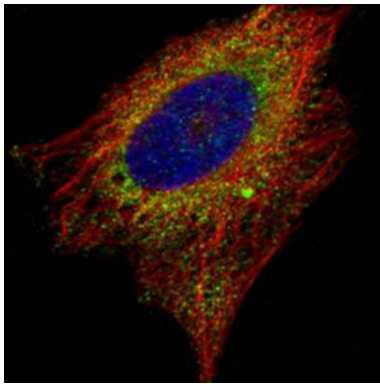
Western blotting: 1:500-1:3000

Immunofluorescence: 1:100-1:200

Images



Sample(30 ug of whole cell lysate)
A: H1299
B: Hep G2
12% SDS PAGE
Primary antibody diluted at 1: 1000



Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using AIMP1 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.

Background

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. [provided by RefSeq]

Note: This product is for in vitro research use only