

CAB5301

Product Information

Product SKU:	CAB5301	Gene ID:	9255	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	37kDa	Conjugate:	Unconjugated
Calculated MW:	34kDa	Isotype:	IgG

Immunogen Information

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.
Recommended Dilution:	WB,1:500 - 1:2000 IHC-P,1:50 - 1:200
Synonyms:	p43; HLD3; EMAP2; SCYE1; EMAPII; AIMP1
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 25-180 of human AIMP1 (NP_001135888.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.