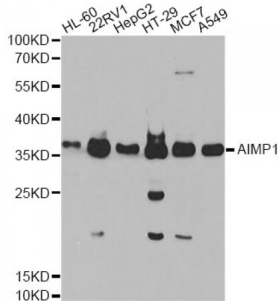


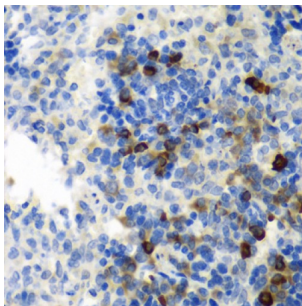
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
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Aminoacyl tRNA Synthetase Complex Interacting Multifunctional Protein 1 (AIMP1) Antibody

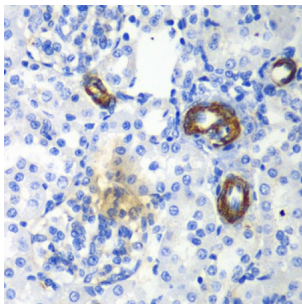
Catalogue No.: abx004051



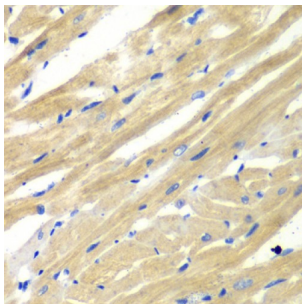
Western blot analysis of extracts of various cell lines, using AIMP1 Antibody (abx004051) at 1/1000 dilution.



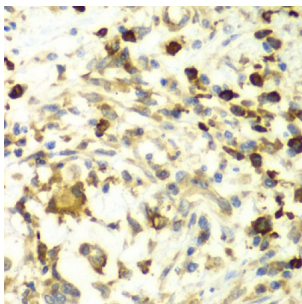
Immunohistochemistry of paraffin-embedded rat spleen using AIMP1 antibody (abx004051) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded rat kidney using AIMP1 antibody (abx004051) at dilution of 1/100 (40x lens).

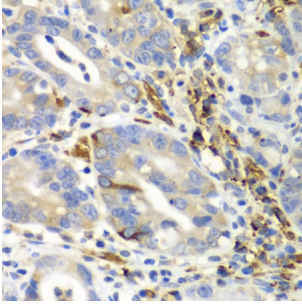


Immunohistochemistry of paraffin-embedded rat heart using AIMP1 antibody (abx004051) at dilution of 1/100 (40x lens).

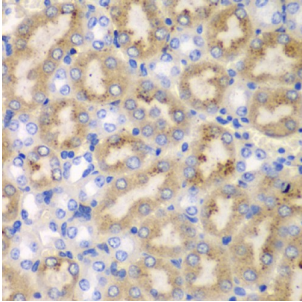


Immunohistochemistry of paraffin-embedded human liver cancer using AIMP1 antibody (abx004051) at dilution of 1/100 (40x lens).

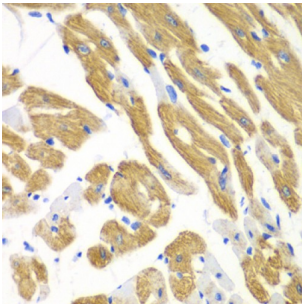
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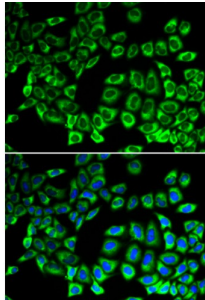
Immunohistochemistry of paraffin-embedded human gastric cancer using AIMP1 antibody (abx004051) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using AIMP1 antibody (abx004051) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using AIMP1 antibody (abx004051) at dilution of 1/100 (40x lens).



Immunofluorescence analysis of HeLa cells using AIMP1 antibody (abx004051). Blue: DAPI for nuclear staining.

AIMP1 Antibody is a Rabbit Polyclonal antibody against 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.

Target: AIMP1

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Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC, IF/ICC
Recommended dilutions:	WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Recombinant protein of human AIMP1.
Purification:	Affinity purified.
Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 34 kDa/37 kDa Observed MW: 37 kDa
Swiss Prot:	Q12904
GeneID:	9255
Gene Symbol:	AIMP1
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.