

# Product Datasheet

## EMAP-II/AIMP1 Antibody NBP2-27206

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP2-27206**

## EMAP-II/AIMP1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 ml PBS and 0.05% BSA

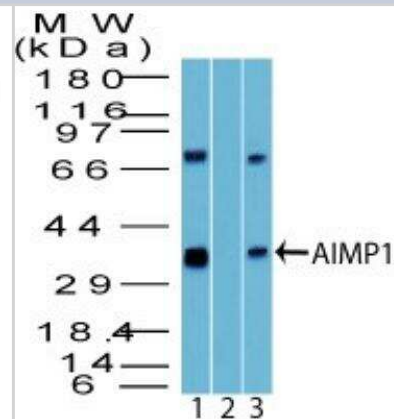
Product Description	
Host	Rabbit
Gene ID	9255
Gene Symbol	AIMP1
Species	Human, Mouse, Rat, Porcine, Bovine, Canine, Chinese Hamster, Equine, Feline, Guinea Pig, Opossum, Primate
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33691121). Predicted cross-reactivity based on sequence identity: Gibbon (100%), Gorilla (93%), Equine (87%), Mouse (80%), Rat (80%), Bovine (80%).
Immunogen	A portion of amino acids 720-800 from human AIMP1 was used as the immunogen for this antibody.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 2-4ug/ml~, Immunohistochemistry, Immunohistochemistry-Paraffin 5ug/ml

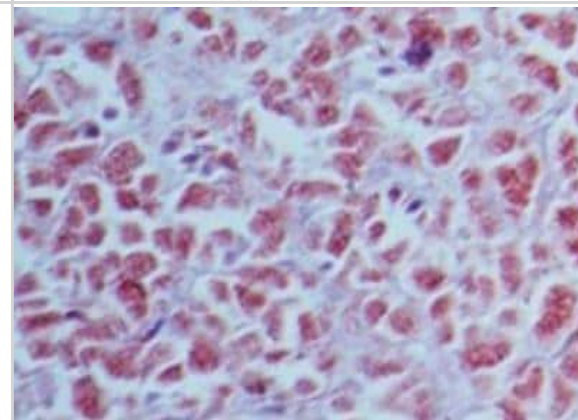


## Images

Western Blot: EMAP-II/AIMP1 Antibody [NBP2-27206] - Analysis of AIMP1 using AIMP1 antibody. Human HCT116 cell lysate in the 1) absence and 2) presence of immunizing peptide and 3) mouse RAW cell lysate probed with 2 ug/ml of AIMP1 antibody. Goat anti-rabbit Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test.



Immunohistochemistry-Paraffin: EMAP-II/AIMP1 Antibody [NBP2-27206] - Staining in human pancreas tissue using AIMP1 antibody at 5 ug/ml.



## Publications

Phulphagar K, Kuhn LI, Ebner S et al. Proteomics reveals distinct mechanisms regulating the release of cytokines and alarmins during pyroptosis *Cell reports* 2021-03-09 [PMID: 33691121] (WB, Human, Mouse)

Dawson HD, Sang Y, Lunney JK Porcine cytokines, chemokines and growth factors: 2019 update *Res. Vet. Sci.* 2020-08-01 [PMID: 32442727] (WB, Porcine)



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### Products Related to NBP2-27206

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-34954-5ug	Recombinant Human EMAP-II/AIMP1 Protein

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### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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