

# Product Datasheet

## APAF-1 Antibody - BSA Free

### NBP1-77000

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: 3

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**NBP1-77000**

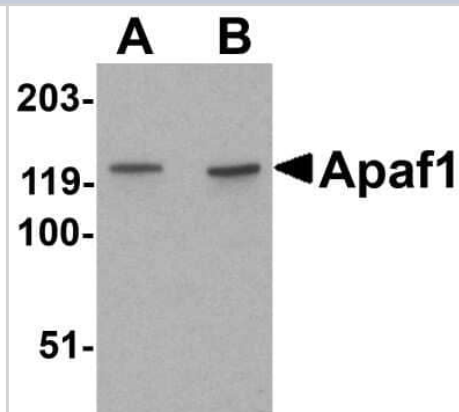
APAF-1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	130 kDa
Product Description	
Host	Rabbit
Gene ID	317
Gene Symbol	APAF1
Species	Human, Mouse, Rat
Immunogen	Antibody was raised against a peptide corresponding to amino acids near the amino terminus of human Apaf1. The sequences of the immunogenic peptide are identical between human and mouse. The immunogen is located within the first 50 amino acids of Apaf1. Amino Acid Sequence: HREALEKDIKTSYIMDH
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1 ug/ml, ELISA 1:100-1:2000, Immunohistochemistry 1 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunoprecipitation, Immunohistochemistry-Paraffin 1 ug/ml
Application Notes	A 115 - 130 kDa band should be detected in Western Blot. Use in Immunoprecipitation reported in scientific literature (PMID:35052722).

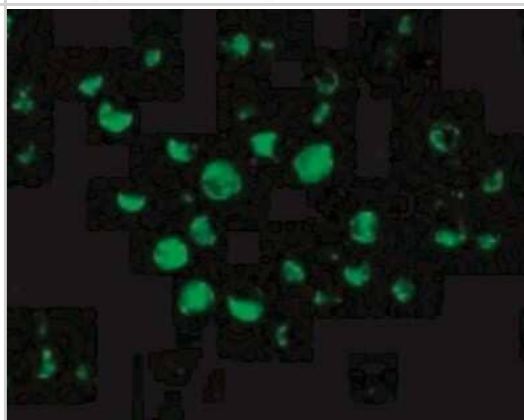


## Images

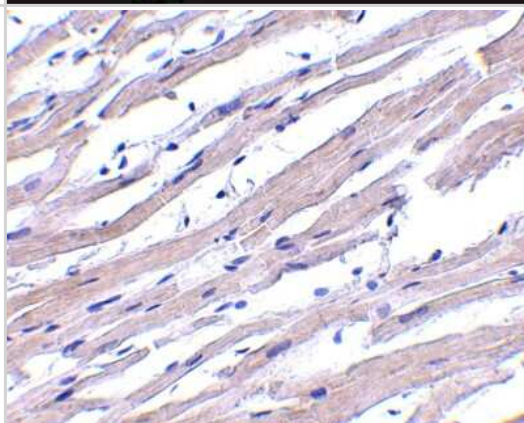
Western Blot: APAF-1 Antibody [NBP1-77000] - Western blot analysis of Apaf1 in K562 cell lysate with Apaf1 antibody at (A) 1 and (B) 2 ug/ml.



Immunocytochemistry/Immunofluorescence: APAF-1 Antibody [NBP1-77000] - Immunofluorescence of Apaf1 in K562 cells with Apaf1 antibody at 10 ug/mL.



Immunohistochemistry-Paraffin: APAF-1 Antibody [NBP1-77000] - Staining of Heart tissue at 1 ug/ml.



## Publications

Marwarha G, Rosand o, Scrimgeour N et al. miR-210 Regulates Apoptotic Cell Death during Cellular Hypoxia and Reoxygenation in a Diametrically Opposite Manner Biomedicines 2021-12-25 [PMID: 35052722] (IP, ELISA)

Tsujimoto K, Ono T, Sato M et al. Regulation of the expression of caspase-9 by the transcription factor activator protein-4 in glucocorticoid-induced apoptosis. J Biol Chem. 2005-07-29 [PMID: 15944155]

Ikezoe K, Nakagawa M, Yan C et al. Apoptosis is suspended in muscle of mitochondrial encephalomyopathies. Acta Neuropathol. 2002-06-01 [PMID: 12012084]



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### **Products Related to NBP1-77000**

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NBP1-77000PEP	APAF-1 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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