

# Product Datasheet

## AKAP1 Antibody - BSA Free NBP2-58918

Unit Size: 100 ul

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

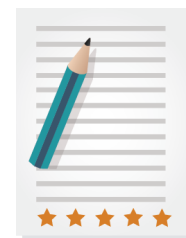
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Updated 2/23/2025 v.20.1

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**NBP2-58918**

AKAP1 Antibody - BSA Free

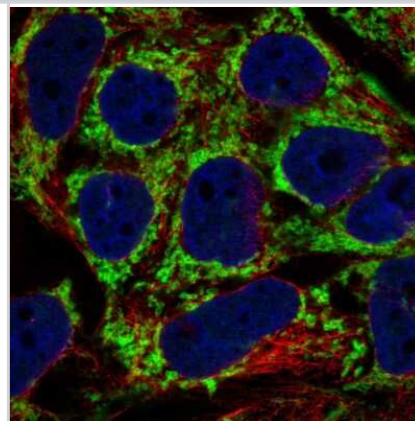
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	8165
Gene Symbol	AKAP1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: EHVLELENSKGPSSLASLEGEEDKKGKSSSSQVVGVPVQEEEYVAEKLPSRFIESA HTELAKDDAAPAPPVADAKAQDRGVEGELGNEESLDRNEEGLDRNEEGLDRN EESLDRNEEGLDRNEEIKRAAFQIISQVISEATEQV

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
Application Notes	Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

Immunocytochemistry/Immunofluorescence: AKAP1 Antibody [NBP2-58918] - Staining of human cell line CACO-2 shows localization to mitochondria.

**Publications**

Xiaolei Cui, Yingping Tian, Yapei Zhao, Hengbo Gao, Dongqi Yao, Liang Liu, Yongjun Li miR-199b-5p-AKAP1-DRP1 Pathway Plays a Key Role in ox-LDL-induced Mitochondrial Fission and Endothelial Apoptosis. Current pharmaceutical biotechnology 2022-09-19 [PMID: 35331106]



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### **Products Related to NBP2-58918**

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NBP2-58918PEP	AKAP1 Recombinant Protein Antigen
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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