

Product Datasheet

Adenylate Kinase 1 Antibody - BSA Free NBP1-87401

Unit Size: 0.1 ml

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

www.novusbio.com



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Reviews: 1

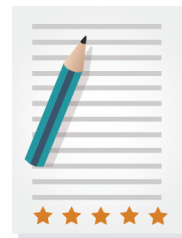
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Updated 9/9/2025 v.20.1

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NBP1-87401

Adenylate Kinase 1 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
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	Immunogen affinity purified
Buffer	PBS (pH 7.2), 40% Glycerol
Target Molecular Weight	22 kDa

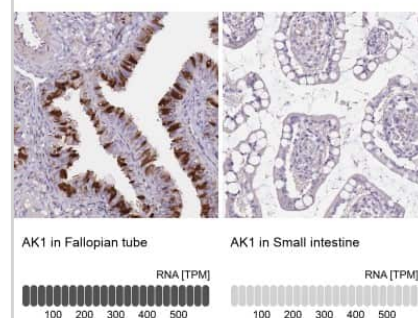
Product Description	
Description	Novus Biologicals Rabbit Adenylate Kinase 1 Antibody - BSA Free (NBP1-87401) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	203
Gene Symbol	AK1
Species	Human, Mouse, Rat, Rhesus Macaque
Reactivity Notes	Rhesus macaque reactivity reported from a verified customer review.
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EKGQLVPLETVLDMLRDAMVAKVNTSKGFLIDGYPREVQQGEEFERRIGQPTL LLYVDAGPETMTQRLLKRGETSGRVDDNEETIKRLETYYKATEPVIAFYEKRGIV VRKVNAEGS

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/mL, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25 - 2 ug/mL, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

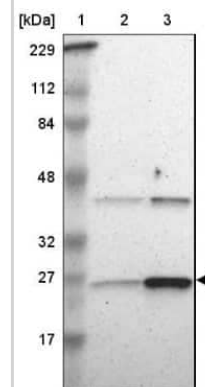


Images

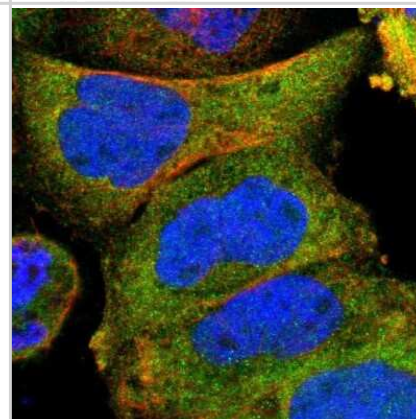
Immunohistochemistry-Paraffin: Adenylate Kinase 1 Antibody [NBP1-87401] - Staining in human fallopian tube and small intestine tissues using anti-AK1 antibody. Corresponding AK1 RNA-seq data are presented for the same tissues.



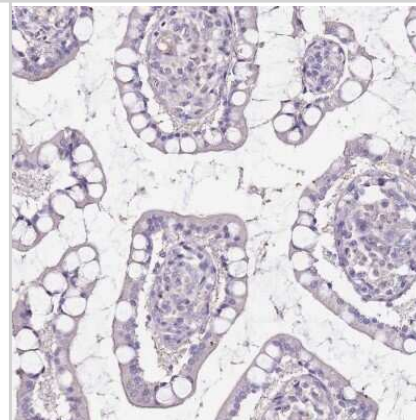
Western Blot: Adenylate Kinase 1 Antibody [NBP1-87401] - Lane 1: Marker [kDa] 229, 112, 84, 48, 32, 27, 17. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



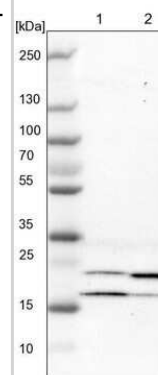
Immunocytochemistry/Immunofluorescence: Adenylate Kinase 1 Antibody [NBP1-87401] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



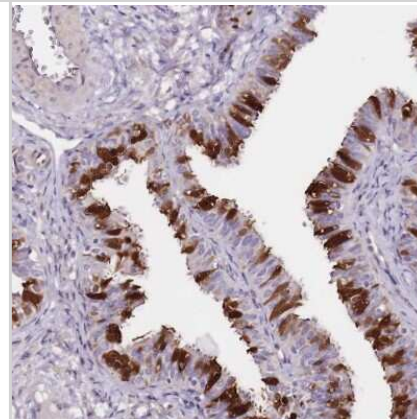
Immunohistochemistry-Paraffin: Adenylate Kinase 1 Antibody [NBP1-87401] - Staining of human small intestine shows low expression as expected.



Western Blot: Adenylate Kinase 1 Antibody [NBP1-87401] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



Immunohistochemistry-Paraffin: Adenylate Kinase 1 Antibody [NBP1-87401] - Staining of human fallopian tube shows high expression.





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Products Related to NBP1-87401

NBP1-87401PEP	Adenylate Kinase 1 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

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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