

# 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.

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**NBP1-87401**

Adenylate Kinase 1 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2), 40% Glycerol
<b>Target Molecular Weight</b>	22 kDa

**Product Description**

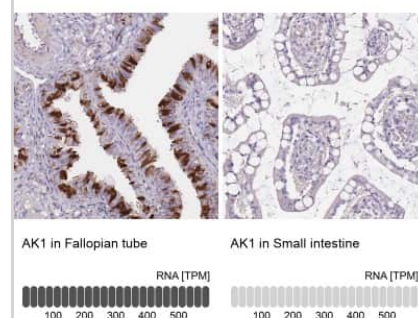
<b>Host</b>	Rabbit
<b>Gene ID</b>	203
<b>Gene Symbol</b>	AK1
<b>Species</b>	Human, Mouse, Rat, Rhesus Macaque
<b>Reactivity Notes</b>	Rhesus macaque reactivity reported from a verified customer review.
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: EKGQLVPLETVLDMLRDAMVAKVNTSKGFLIDGYPREVQQGEEFERRIGQPTL LLYVDAGPETMTQRLLKRGETSGRVDDNEETIKKRLETYYKATEPVIAFYEKRGIV VRKVNAEGS

**Product Application Details**

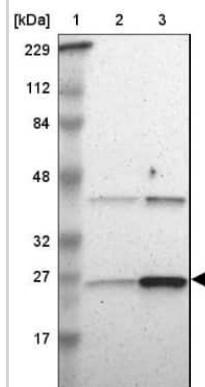
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/mL, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25 - 2 ug/mL, Immunohistochemistry-Paraffin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

**Images**

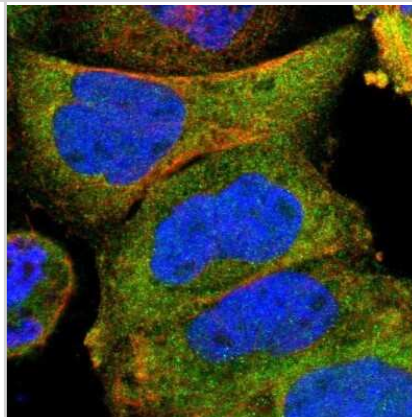
Immunohistochemistry-Paraffin: Adenylate Kinase 1 Antibody [NBP1-87401] - Staining in human fallopian tube and small intestine tissues using anti-AK1 antibody. Corresponding AK1 RNA-seq data are presented for the same tissues.



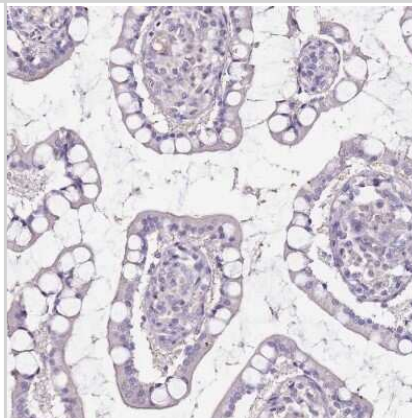
Western Blot: Adenylate Kinase 1 Antibody [NBP1-87401] - Lane 1: Marker [kDa] 229, 112, 84, 48, 32, 27, 17. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



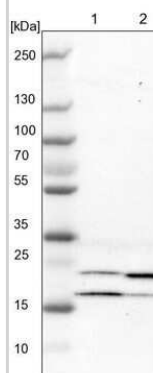
Immunocytochemistry/Immunofluorescence: Adenylate Kinase 1 Antibody [NBP1-87401] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



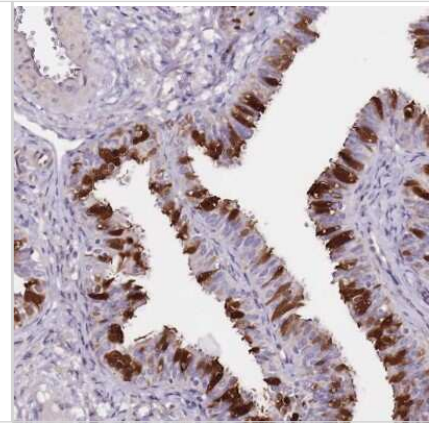
Immunohistochemistry-Paraffin: Adenylate Kinase 1 Antibody [NBP1-87401] - Staining of human small intestine shows low expression as expected.



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**

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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

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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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