

# Product Datasheet

## Adenosine Deaminase/ADA Antibody - BSA Free NBP1-87404

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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**NBP1-87404**

Adenosine Deaminase/ADA 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) and 40% Glycerol
<b>Target Molecular Weight</b>	41 kDa

**Product Description**

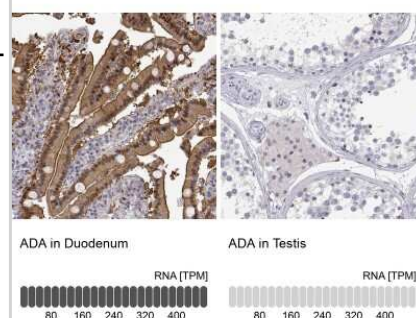
<b>Host</b>	Rabbit
<b>Gene ID</b>	100
<b>Gene Symbol</b>	ADA
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GDETIPGSSLLPGHVQAYQEAVKSGIHRTVHAGEVGS AEVVKEAVDILKTERLG HGYHTLEDQALYNRLRQENMHFEICPWSSYLTGAWKPDTEHAVIRLKNDQAN YSLNTDDPLIFKSTLTDYQMTKRDMGFTEEE

**Product Application Details**

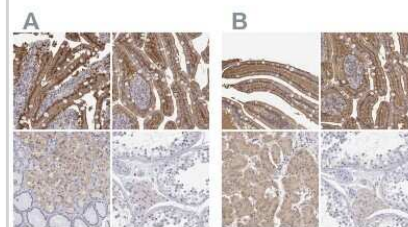
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 0.04 - 0.4 ug/ml, Flow Cytometry Reported in the scientific literature (PMID: 25172498)., Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000, Knockdown Validated Reported in the scientific literature (PMID: 31978345).
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100.

**Images**

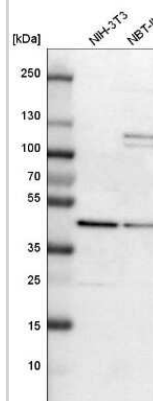
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Analysis in human duodenum and testis tissues using NBP1-87404 antibody. Corresponding Adenosine Deaminase/ADA RNA-seq data are presented for the same tissues.



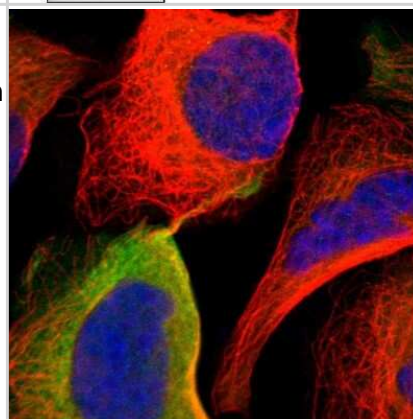
**Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404]** - Staining of human duodenum, small intestine, stomach and testis using Anti-Adenosine Deaminase/ADA antibody NBP1-87404 (A) shows similar protein distribution across tissues to independent antibody NBP1-90361 (B).



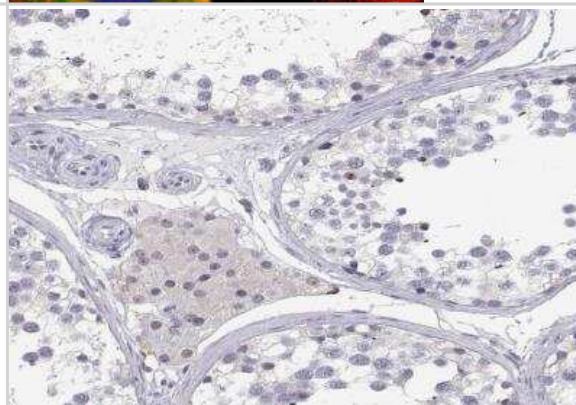
**Western Blot: Adenosine Deaminase/ADA Antibody [NBP1-87404]** - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



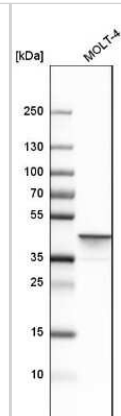
**Immunocytochemistry/Immunofluorescence: Adenosine Deaminase/ADA Antibody [NBP1-87404]** - Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol. Antibody staining is shown in green.



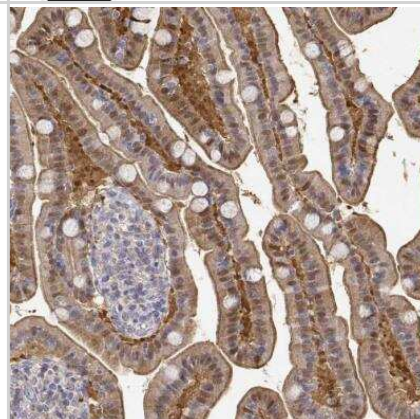
**Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404]** - Staining of human testis shows weak cytoplasmic positivity in Leydig cells as expected.



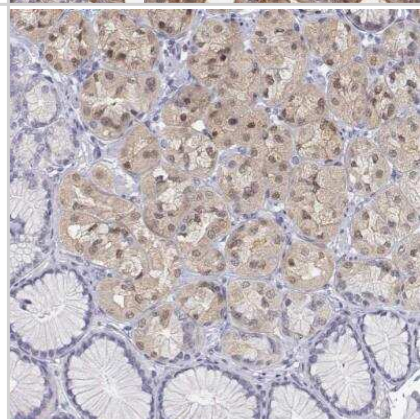
Western Blot: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Analysis in human cell line MOLT-4.



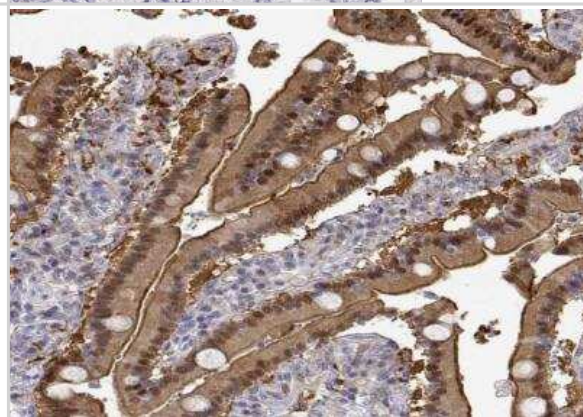
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human small intestine shows moderate to strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human stomach shows moderate to strong cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human duodenum shows moderate to strong cytoplasmic positivity in glandular cells.



## Publications

Cader MZ, de Almeida Rodrigues RP, West JA et al. FAMIN Is a Multifunctional Purine Enzyme Enabling the Purine Nucleotide Cycle Cell 2020-01-23 [PMID: 31978345] (KD, WB, Human, Mouse)

Cho K, Min SI, Ahn S et al. Integrative Analysis of Renal Ischemia/Reperfusion Injury and Remote Ischemic Preconditioning in Mice. J. Proteome Res. 2017 Jun 19 [PMID: 28627174] (Mouse)

Bai A, Moss A, Kokkotou E et al. CD39 and CD161 modulate T helper type 17 responses in Crohns disease. J Immunol 2014-10-01 [PMID: 25172498] (FLOW, Human)

Bachmann J, Burte F, Pramana S et al. Affinity Proteomics Reveals Elevated Muscle Proteins in Plasma of Children with Cerebral Malaria. PLoS Pathog 2014 Apr [PMID: 24743550]







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### **Products Related to NBP1-87404**

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NBP1-87404PEP	Adenosine Deaminase/ADA 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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