

# Product Datasheet

## Adenosine Deaminase/ADA Antibody - BSA Free NBP1-90361

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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### Publications: 1

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**NBP1-90361**

Adenosine Deaminase/ADA Antibody - BSA Free

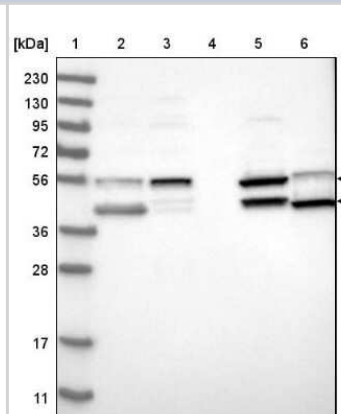
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	100
Gene Symbol	ADA
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (88%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QVELHVHLDGSIKPETILYYGRRRGIALPANTAEGLLNVIGMDKPLTLPDFLAKF DYYPPIAGCREAIKRIAYEFVEMKAKEGVVYVEVRYSPHLLANSKVEPIPWNQ AEGDLTPDEVVALVGQGLQEGERDFGVKARSILCC

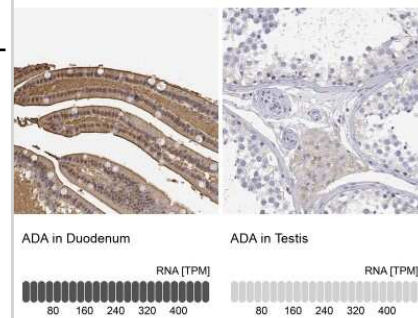
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	Use in ICC/IF reported in scientific literature (PMID:34445661). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF fixation permeabilization: PFA/Triton X-100.

**Images**

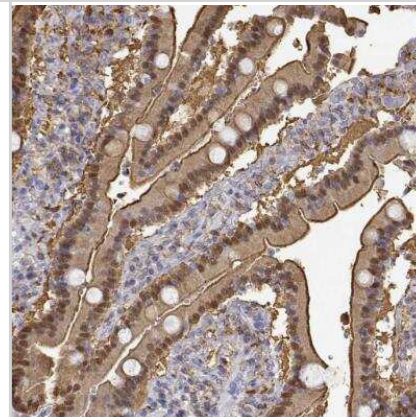
Western Blot: Adenosine Deaminase/ADA Antibody [NBP1-90361] -  
Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2:  
Human cell line RT-4. Lane 3: Human cell line U-251MG sp. Lane 4:  
Human plasma (IgG/HSA depleted). Lane 5: Human liver tissue. Lane 6:  
Human tonsil tissue



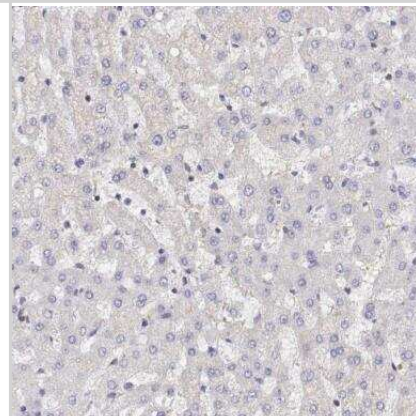
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-90361] - Analysis in human duodenum and testis tissues using NBP1-90361 antibody. Corresponding Adenosine Deaminase/ADA RNA-seq data are presented for the same tissues.



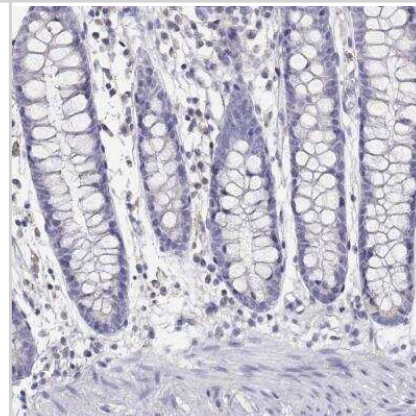
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-90361] - Staining of human duodenum shows moderate to strong cytoplasmic and nuclear positivity in glandular cells.



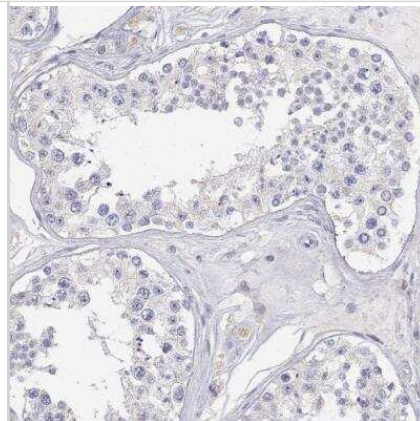
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-90361] - Staining of human liver shows no positivity in hepatocytes as expected.



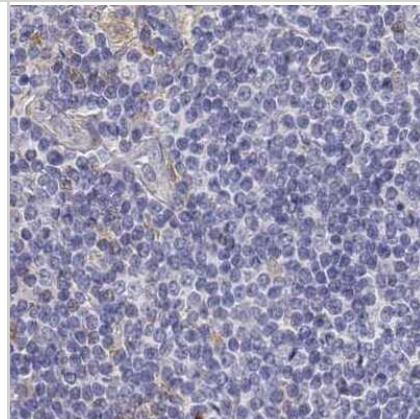
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-90361] - Staining of human colon shows no positivity in glandular cells as expected.



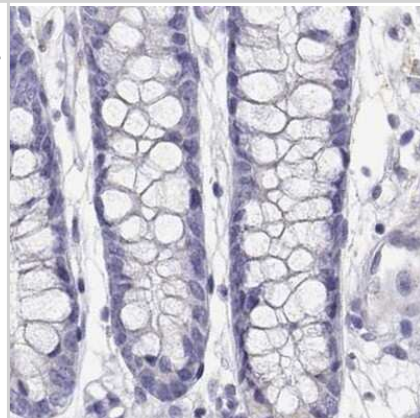
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-90361] - Staining of human testis shows no positivity in cells in seminiferous ducts as expected.



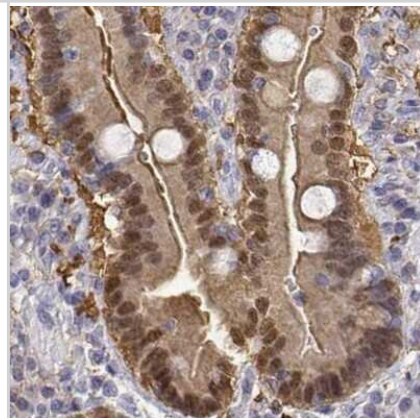
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-90361] - Staining of human lymph node.



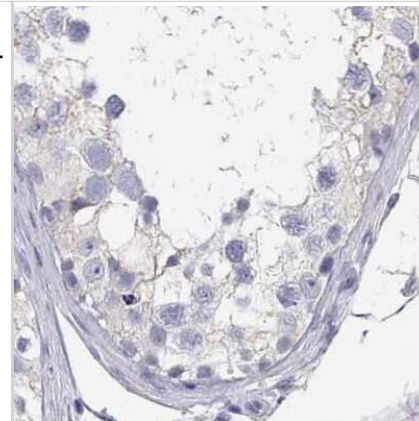
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-90361] - Staining of human colon using Anti-ADA antibody NBP1-90361.



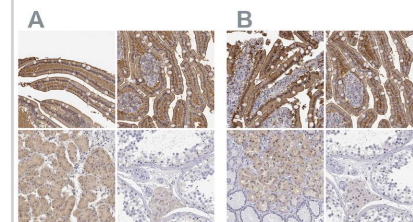
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-90361] - Staining of human duodenum using Anti-ADA antibody NBP1-90361.



Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-90361] - Staining of human testis using Anti-ADA antibody NBP1-90361.



Staining of human duodenum, small intestine, stomach and testis using NBP1-90361 (A) shows similar protein distribution across tissues to independent antibody NBP1-87404 (B).



## Publications

Sohn R, Junker M, Meurer A Et al. Anti-Inflammatory Effects of Endogenously Released Adenosine in Synovial Cells of Osteoarthritis and Rheumatoid Arthritis Patients International journal of molecular sciences 2021-08-19 [PMID: 34445661] (ICC/IF, Human)



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### **Products Related to NBP1-90361**

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NBP1-90361PEP	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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