

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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Publications: 4

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NBP1-87404

Adenosine Deaminase/ADA Antibody - BSA Free

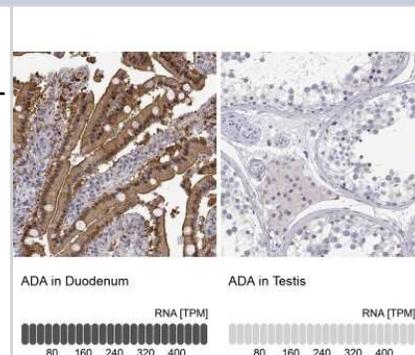
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	41 kDa

Product Description	
Host	Rabbit
Gene ID	100
Gene Symbol	ADA
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GDETIPGSSLLPGHVQAYQEAVKSGIHRTVHAGEVGSAAEVVKEAVDILKTERLG HGYHTLEDQALYNRLRQENMHFEICPWSSYLTGAWKPDTEHAVIRLKNQAN YSLNTDDPLIFKSTLTDYQMTKRDMGFTEEE

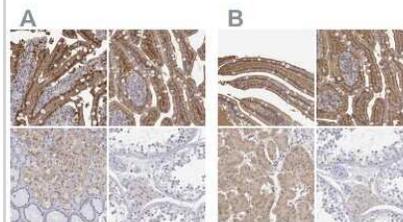
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Flow Cytometry Reported in the scientific literature (PMID: 25172498).,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

Images

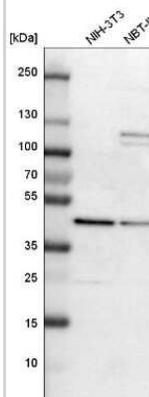
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Analysis in human duodenum and testis tissues using NBP1-87404 antibody. Corresponding Adenosine Deaminase/ADA RNA-seq data are presented for the same tissues.



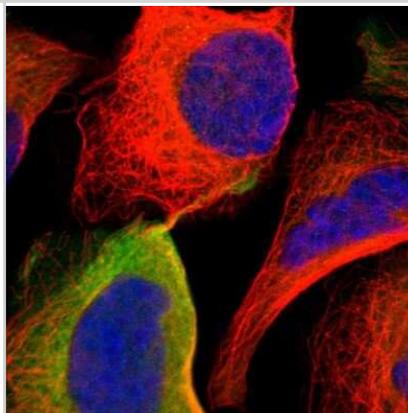
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human duodenum, small intestine, stomach and testis using Anti-Adenosine Deaminase/ADA antibody NBP1-87404 (A) shows similar protein distribution across tissues to independent antibody NBP1-90361 (B).



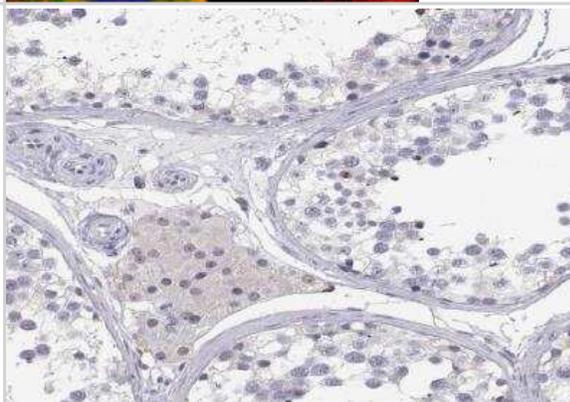
Western Blot: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



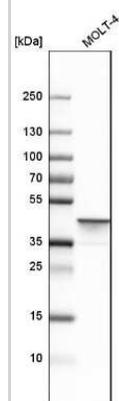
Immunocytochemistry/Immunofluorescence: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol. Antibody staining is shown in green.



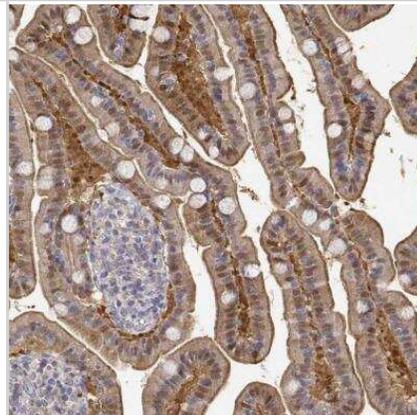
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human testis shows weak cytoplasmic positivity in Leydig cells as expected.



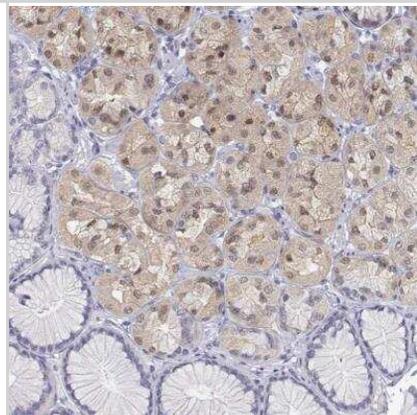
Western Blot: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Analysis in human cell line MOLT-4.



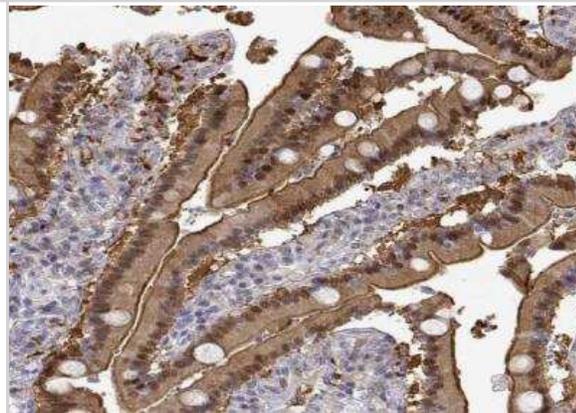
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human small intestine shows moderate to strong cytoplasmic positivity in glandular cells.



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

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

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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