

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

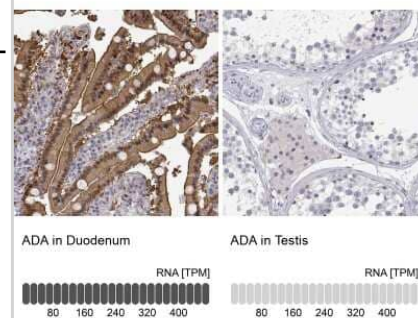
Adenosine Deaminase/ADA Antibody - BSA Free

| Product Information | |
|------------------------------------|---|
| 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 | 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 HGYHTLEDQALYNRLRQENMHFEICPWSSYLTGAWKPDTEHAVIRLKNDQAN YSLNTDDPLIFKSTLTDYQMTKRDMGFTEEE |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, 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 | IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation/Permeabilization: PFA/Triton X-100. |

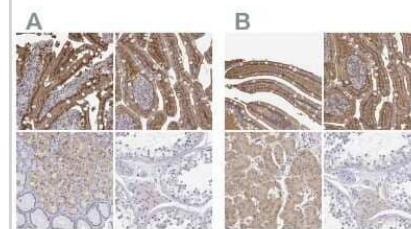


Images

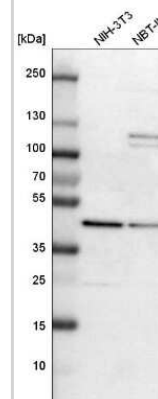
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Analysis in human duodenum and testis tissues using NBP1-87404 antibody. Corresponding Adenosine Deaminase/ADA RNA-seq data are presented for the same tissues.



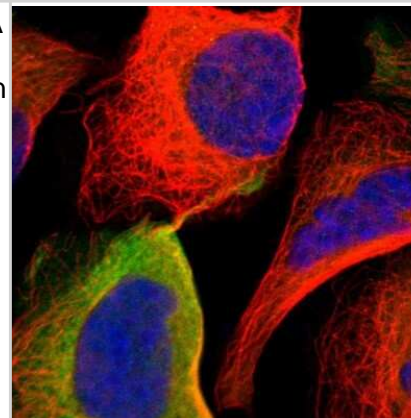
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human duodenum, small intestine, stomach and testis using Anti-Adenosine Deaminase/ADA antibody NBP1-87404 (A) shows similar protein distribution across tissues to independent antibody NBP1-90361 (B).



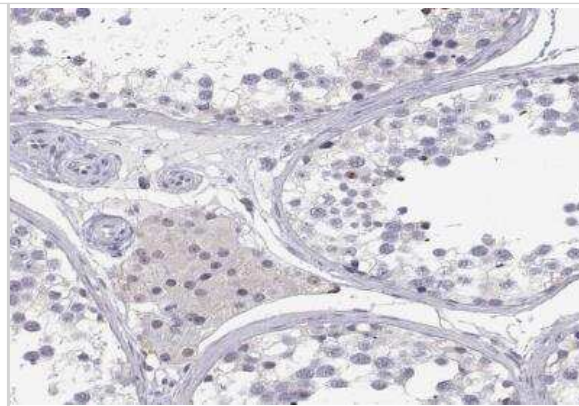
Western Blot: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



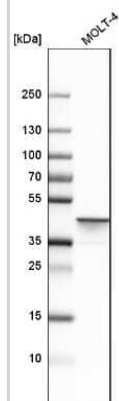
Immunocytochemistry/Immunofluorescence: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human cell line U-2 OS shows localization to plasma membrane & cytosol. Antibody staining is shown in green.



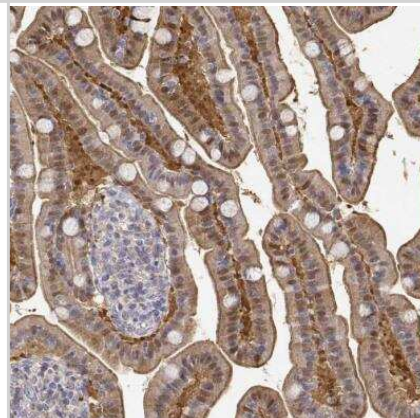
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human testis shows weak cytoplasmic positivity in Leydig cells as expected.



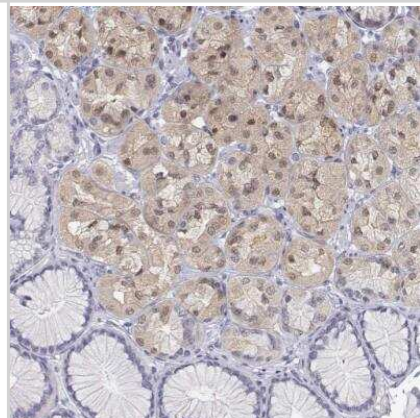
Western Blot: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Analysis in human cell line MOLT-4.



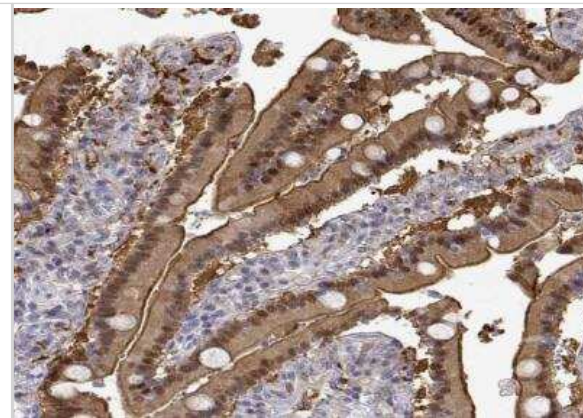
Immunohistochemistry-Paraffin: Adenosine Deaminase/ADA Antibody [NBP1-87404] - Staining of human small intestine shows moderate to strong cytoplasmic positivity in glandular cells.



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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