

# Product Datasheet

## LHPP Antibody - BSA Free **NBP1-83272**

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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Updated 9/9/2025 v.20.1

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**NBP1-83272**

LHPP 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

**Product Description**

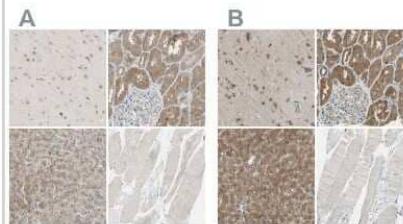
<b>Description</b>	Novus Biologicals Rabbit LHPP Antibody - BSA Free (NBP1-83272) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-LHPP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	64077
<b>Gene Symbol</b>	LHPP
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: LISLGKGRYYKETSGMLDVGPYMKALEYACGIKAEVVGKPSPEFFKSALQAIG VEAHQAVMIGDDIVGDVGGAQRCGMRALQVRTGKFRPSDEHHPEVKADGYV D

**Product Application Details**

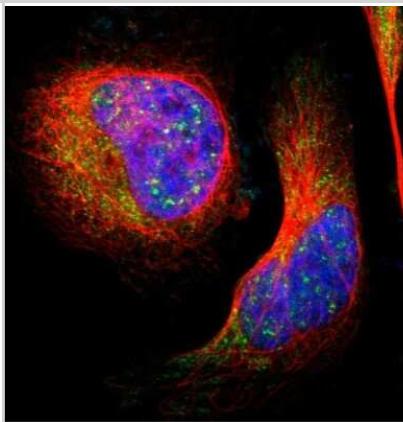
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

## Images

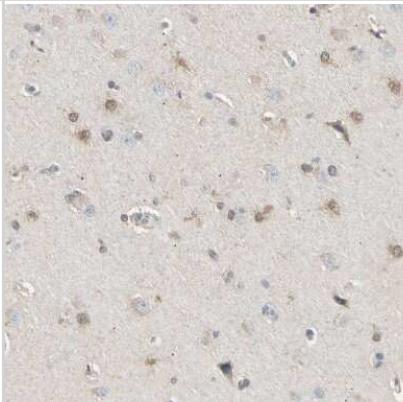
Immunohistochemistry-Paraffin: LHPP Antibody [NBP1-83272] - Staining of human cerebral cortex, gastrointestinal, lymphoid tissues and testis using Anti-NFIA antibody (A) NBP1-83272 shows similar protein distribution across tissues to independent antibody NBP1-83273 (B).



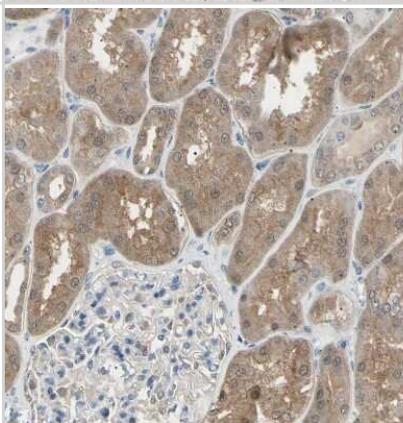
Immunocytochemistry/Immunofluorescence: LHPP Antibody [NBP1-83272] - Staining of human cell line U-2 OS shows localization to nuclear speckles & cytosol. Antibody staining is shown in green.



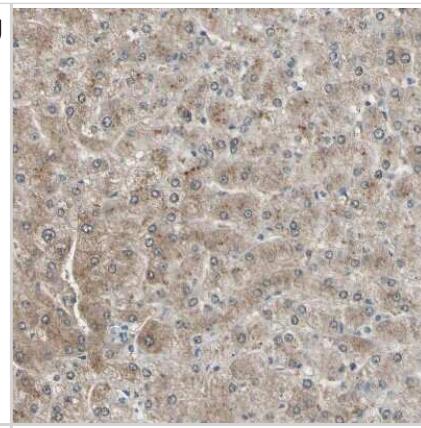
Immunohistochemistry-Paraffin: LHPP Antibody [NBP1-83272] - Staining of human cerebral cortex shows moderate positivity in neurons and glial cells.



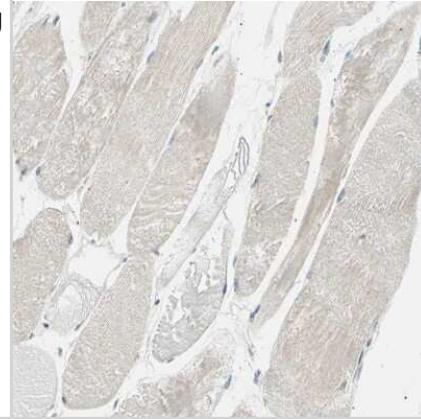
Immunohistochemistry-Paraffin: LHPP Antibody [NBP1-83272] - Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



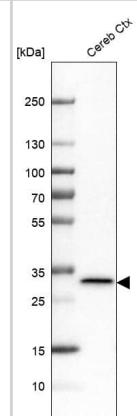
Immunohistochemistry-Paraffin: LHPP Antibody [NBP1-83272] - Staining of human liver shows moderate cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: LHPP Antibody [NBP1-83272] - Staining of human skeletal muscle shows very weak positivity in myocytes.



Analysis in human cerebral cortex tissue.



## Publications

Linder M, Liko D, Kancherla V et al. Colitis Is Associated with Loss of the Histidine Phosphatase LHPP and Upregulation of Histidine Phosphorylation in Intestinal Epithelial Cells *Biomedicines* 2023-08-01 [PMID: 37626656] (Immunohistochemistry, Immunocytochemistry/ Immunofluorescence)



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## Products Related to NBP1-83272

NBP1-83272PEP	LHPP 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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