

# Product Datasheet

## LRPAP Antibody - BSA Free

### NBP1-89334

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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**NBP1-89334**

LRPAP 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**

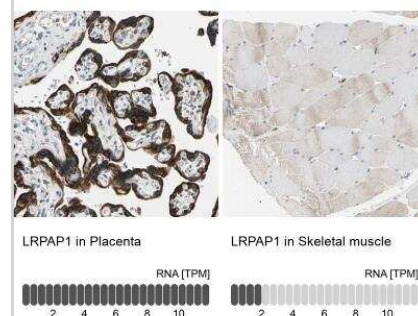
<b>Host</b>	Rabbit
<b>Gene ID</b>	4043
<b>Gene Symbol</b>	LRPAP1
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: RMEKLNQLWEKAQRLHLPVRLAELHADLKIQRDELAWKKLKLDGLDEDEGEK EARLIRNVLAKYGLDGKKDARQVTSNSLSGTQEDGLDDPRLEKLWHKAKT SGKFSGEELDKLWREFLHHKEK

**Product Application Details**

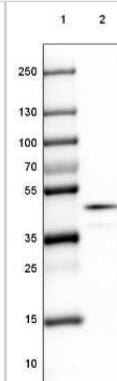
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

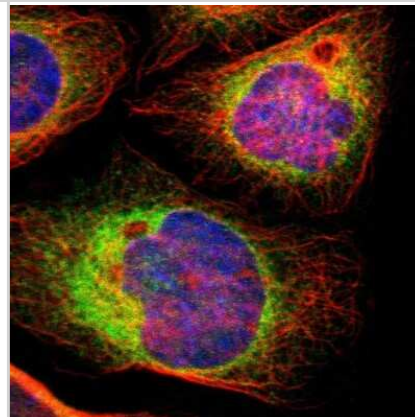
Immunohistochemistry-Paraffin: LRPAP Antibody [NBP1-89334] - Staining in human placenta and skeletal muscle tissues.. Corresponding LRPAP1 RNA-seq data are presented for the same tissues.



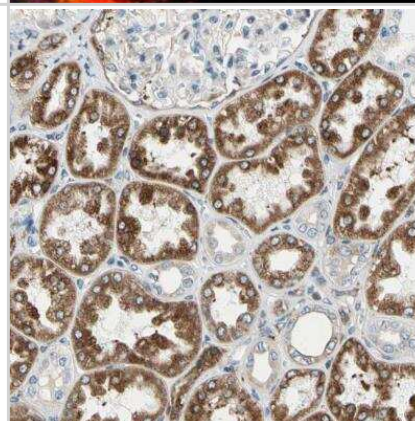
Western Blot: LRPAP Antibody [NBP1-89334] - Lane 1: Marker [kDa]  
250, 130, 100, 70, 55, 35, 25, 15, 10 Lane 2: Mouse Cerebral Cortex  
tissue



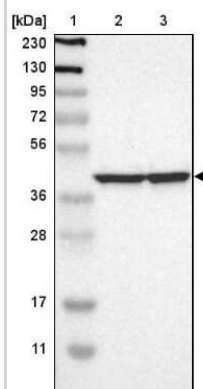
Immunocytochemistry/Immunofluorescence: LRPAP Antibody [NBP1-89334] - Staining of human cell line A-431 shows localization to endoplasmic reticulum. Antibody staining is shown in green.



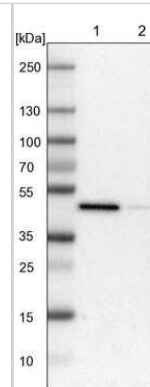
Immunohistochemistry-Paraffin: LRPAP Antibody [NBP1-89334] - Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



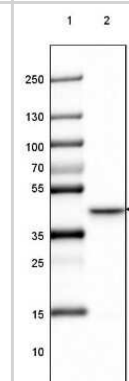
Western Blot: LRPAP Antibody [NBP1-89334] - Lane 1: Marker [kDa]  
230, 130, 95, 72, 56, 36, 28, 17, 11  
Lane 2: Human cell line RT-4  
Lane 3: Human cell line U-251MG sp



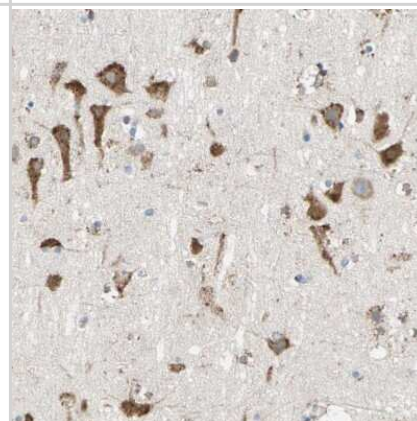
Western Blot: LRPAP Antibody [NBP1-89334] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells); Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells).



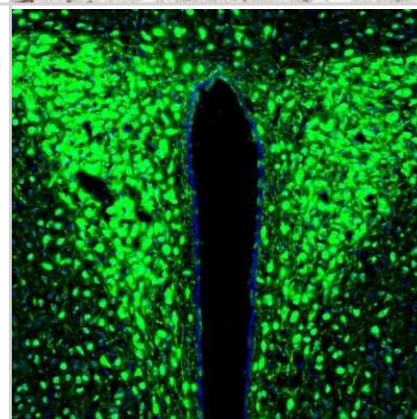
Western Blot: LRPAP Antibody [NBP1-89334] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10  
Lane 2: Human Cerebral Cortex tissue



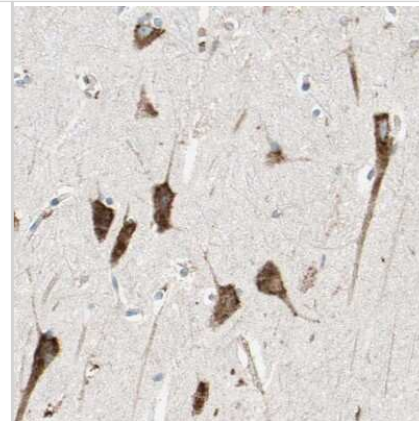
Immunohistochemistry-Paraffin: LRPAP Antibody [NBP1-89334] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neurons.



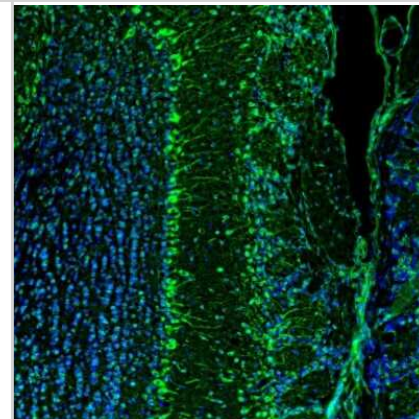
Immunohistochemistry: LRPAP Antibody [NBP1-89334] - Immunofluorescence staining of mouse hypothalamus shows positivity in paraventricular and periventricular nuclei.



Immunohistochemistry-Paraffin: LRPAP Antibody [NBP1-89334] - Staining of human hippocampus shows moderate cytoplasmic positivity in neuronal cells.



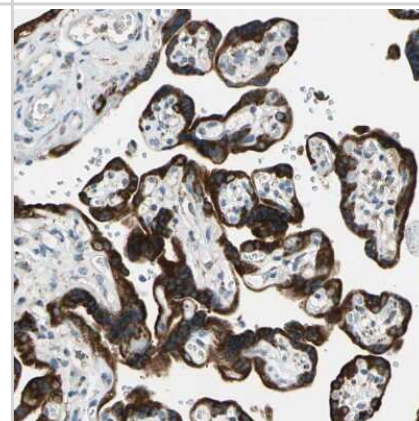
Immunohistochemistry: LRPAP Antibody [NBP1-89334] - Immunofluorescence staining of mouse brain shows positivity in neurons in the olfactory bulb.



Immunohistochemistry-Paraffin: LRPAP Antibody [NBP1-89334] - Staining of human skeletal muscle shows weak to no positivity in myocytes as expected.

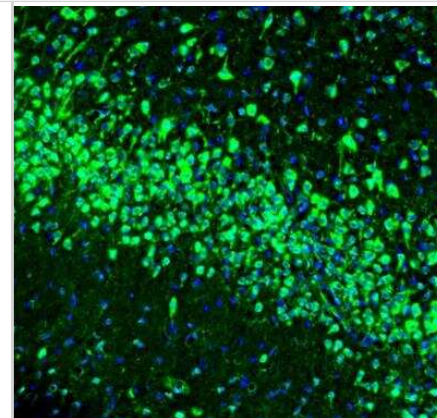


Immunohistochemistry-Paraffin: LRPAP Antibody [NBP1-89334] - Staining of human placenta shows strong positivity in trophoblastic cells.

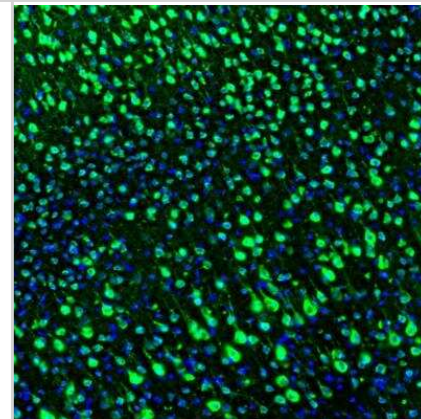




Immunohistochemistry: LRPAP Antibody [NBP1-89334] - Staining of mouse piriform cortex shows positivity in neurons.



Immunohistochemistry: LRPAP Antibody [NBP1-89334] - Staining of mouse somatosensory cortex shows positivity in neurons.



## Publications

Stadler C, Hjelmare M, Neumann B et al. Systematic validation of antibody binding and protein subcellular localization using siRNA and confocal microscopy. J Proteomics 2012-04-03 [PMID: 22361696]

Mulder J, Bjorling E, Jonasson K et al. Tissue Profiling of the Mammalian Central Nervous System Using Human Antibody-based Proteomics. Mol Cell Proteomics 2009-07-01 [PMID: 19351664]



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NBP1-89334PEP	LRPAP 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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