

Product Datasheet

NPRL3 Antibody - BSA Free

NBP1-88447

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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NBP1-88447

NPRL3 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

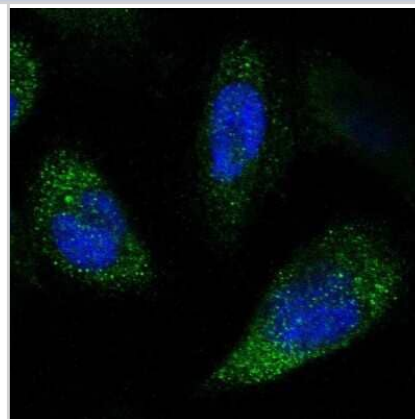
Product Description	
Host	Rabbit
Gene ID	8131
Gene Symbol	NPRL3
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: GDSRFSDVILATILATKSEMCGQKFELKIDNVRFVGHPTLLQHALGQISKTDPSPKREAPTMILFNVVFALRANADPSVINCLHNLSRRIATVLQHEERRCQYLTREAKLILALQDEVSAMADGNEGPGQSPFHHILPKCK

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in scientific literature (PMID:35831510), Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

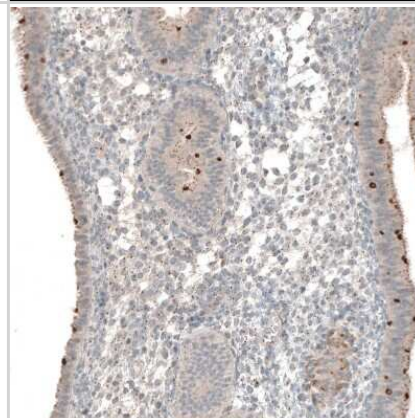


Images

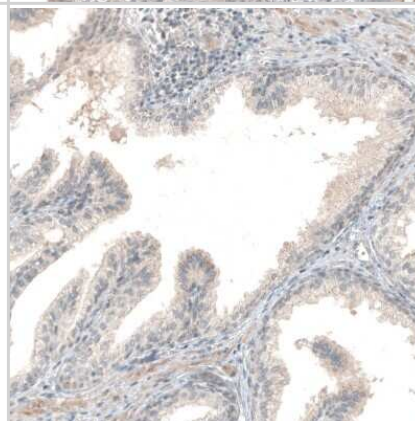
Immunocytochemistry/Immunofluorescence: NPRL3 Antibody [NBP1-88447] - Staining of human cell line A-431 shows localization to cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: NPRL3 Antibody [NBP1-88447] - Staining of human endometrium shows positivity in glandular cells.



Immunohistochemistry-Paraffin: NPRL3 Antibody [NBP1-88447] - Staining of human prostate shows positivity in glandular cells.



Publications

Yang S, Ting CY, Lilly MA., et Al. The GATOR2 complex maintains lysosomal-autophagic function by inhibiting the protein degradation of MiT/TFEs Mol Cell 2024-02-07 [PMID: 38325378]

Fang Y, Jiang Q, Li S et al. Opposing functions of β -arrestin 1 and 2 in Parkinson's disease via microglia inflammation and Nprl3 Cell Death & Differentiation 2021-06-01 [PMID: 33686256] (Block/Neutralize)

Valenstein ML, Rogala KB, Lalgudi PV et al. Structure of the nutrient-sensing hub GATOR2 Nature 2022-07-01 [PMID: 35831510] (WB, Human)

Peng M, Yin N, Li MO. SZT2 dictates GATOR control of mTORC1 signalling. Nature. 2017-02-15 [PMID: 28199315]



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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