

Product Datasheet

LONP2 Antibody - BSA Free

NBP1-81294

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: 1

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Updated 12/2/2025 v.20.1

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NBP1-81294

LONP2 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

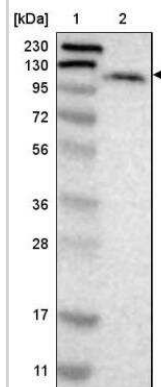
Product Description	
Description	Novus Biologicals Rabbit LONP2 Antibody - BSA Free (NBP1-81294) is a polyclonal antibody validated for use in IHC and WB. Anti-LONP2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	83752
Gene Symbol	LONP2
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TILGVIPNTPDPASDAQDLPLHRIGTAALAVQVVGSNWPKPHYTLITGLCRFQ IVQVLKEKPYPIAEVEQLDRLEEFNPNTCKMREELGELSEQFYKYAVQLVEMLDLDM SVPAAVAKLRR

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	WB reported in scientific literature (PMID: 29502128). For IHC-Paraffin, HIER pH 6 retrieval is recommended.

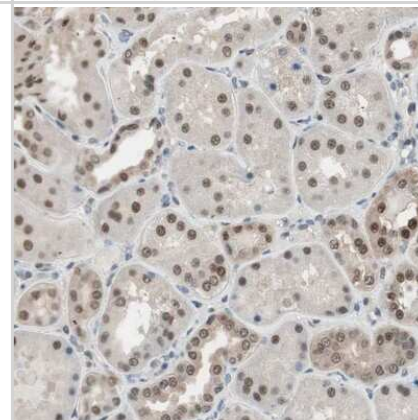


Images

Western Blot: LONP2 Antibody [NBP1-81294] - Lane 1: Marker [kDa]
230, 130, 95, 72, 56, 36, 28, 17, 11 Lane 2: Human cell line RT-4



Immunohistochemistry-Paraffin: LONP2 Antibody [NBP1-81294] -
Staining of human kidney shows strong nuclear and weak cytoplasmic
positivity in cells in tubules.



Publications

Wu W, Liu F, Wu K et al. Lon Peptidase 2, Peroxisomal (LONP2) Contributes to Cervical Carcinogenesis via Oxidative Stress. *Med. Sci. Monit.* 2018-03-04 [PMID: 29502128] (WB, Human)

Details:

The rabbit polyclonal LONP2 antibody from Novus was used to measure LONP2 expression in HeLa and SiHa cells and showed that downregulation of LONP2 suppressed cervical cancer proliferation



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Products Related to NBP1-81294

NBP1-81294PEP	LONP2 Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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