

Product Datasheet

LAGE3 Antibody - BSA Free

NBP2-32715

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: 3

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Updated 12/2/2025 v.20.1

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NBP2-32715

LAGE3 Antibody - BSA Free

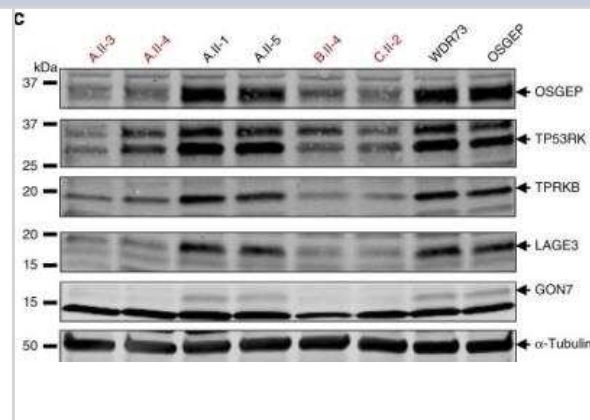
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit LAGE3 Antibody - BSA Free (NBP2-32715) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-LAGE3 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	8270
Gene Symbol	LAGE3
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: IFTLSVPFPTPLEAEIAHGSLAPDAEPHQRVVGKDLTVSGRILVVRWKAEDCRLLRISVINFLDQLSLVVRTMQRFG

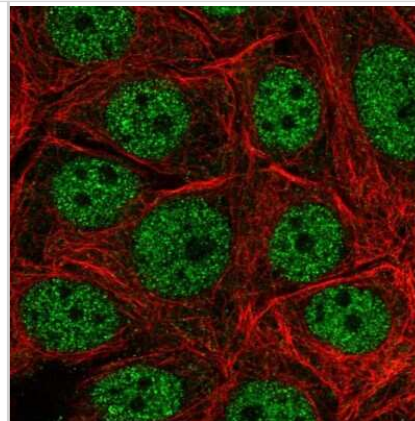
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in reported in scientific literature (PMID: 31481669), Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

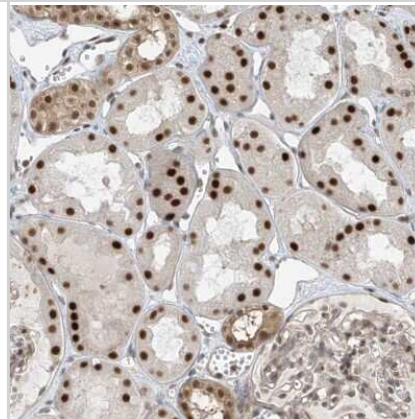
Western Blot: LAGE3 Antibody [NBP2-32715] - Role of GON7 on KEOPS complex stability. Western blot analysis of protein expression level of the five KEOPS subunits in lymphoblastoid cell lines from two unaffected relatives (A.II-1 and A.II-5), four individuals with the GON7 mutation p.Tyr*7, one individual with the OSGEP (NBP2-00823) mutations p.Arg325Gln and p.Arg280His, and one individual with GAMOS linked to WDR73 mutations. One representative western blot is shown (three independent experiments were performed). Alpha-Tubulin was used as a loading control. Image collected and cropped by CiteAb from the following publication (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6722078/>) licensed under a CC-BY license.



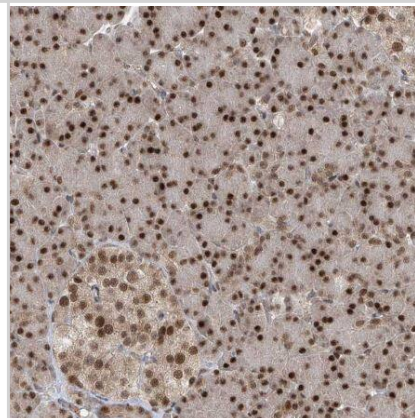
Immunocytochemistry/Immunofluorescence: LAGE3 Antibody [NBP2-32715] - Staining of human cell line MCF7 shows localization to nucleoplasm. Antibody staining is shown in green.



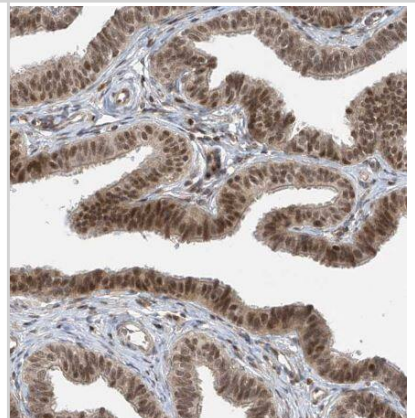
Immunohistochemistry-Paraffin: LAGE3 Antibody [NBP2-32715] - Staining of human kidney shows strong nuclear positivity in cells in tubules.



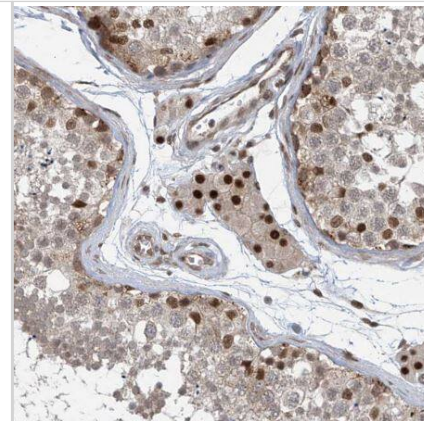
Immunohistochemistry-Paraffin: LAGE3 Antibody [NBP2-32715] - Staining of human pancreas shows strong nuclear positivity in exocrine glandular cells.



Immunohistochemistry-Paraffin: LAGE3 Antibody [NBP2-32715] - Staining of human fallopian tube shows moderate to strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: LAGE3 Antibody [NBP2-32715] - Staining of human testis shows strong nuclear positivity in Leydig cells.



Publications

Xing Y, Liu Y, Qi Z Et al. LAGE3 promoted cell proliferation, migration, and invasion and inhibited cell apoptosis of hepatocellular carcinoma by facilitating the JNK and ERK signaling pathway Cellular & molecular biology letters 2021-11-27 [PMID: 34837962] (IHC-P, Human)

Dong X, Yang Q, Gu J et al. Identification and validation of L Antigen Family Member 3 as an immune-related biomarker associated with the progression of papillary thyroid cancer International immunopharmacology 2020-12-10 [PMID: 33310661] (WB, Human)

Arrondel C, Missouri S, Snoek R et al. Defects in t6A tRNA modification due to GON7 and YRDC mutations lead to Galloway-Mowat syndrome Nat Commun 2019-09-03 [PMID: 31481669] (WB, Human)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-32715

NBP2-32715PEP	LAGE3 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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