

Product Datasheet

OSBPL3 Antibody - BSA Free

NBP1-82968

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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NBP1-82968

OSBPL3 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

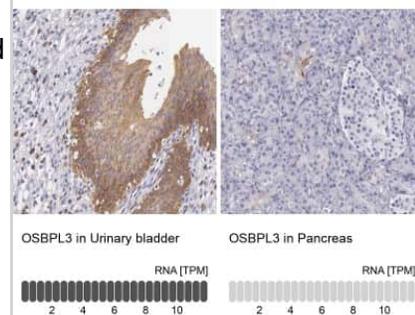
Product Description	
Description	Novus Biologicals Rabbit OSBPL3 Antibody - BSA Free (NBP1-82968) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-OSBPL3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	26031
Gene Symbol	OSBPL3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (87%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TLDFGEEKNYSDGSETSSSEFSKMQEDLCHIAHKVYFTLRSAFNIMSAEREKLKQ LMEQDASSPSAQVIGLKNALSSALAQNLDLKERLRRIHAESLLLDSPAVAKSG DNLAE

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

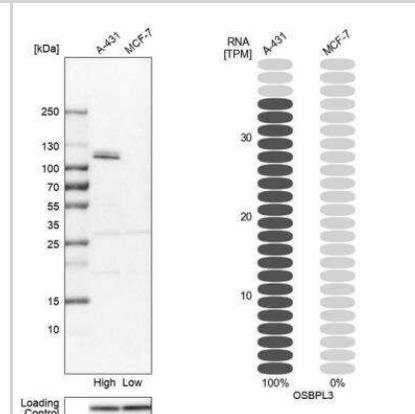


Images

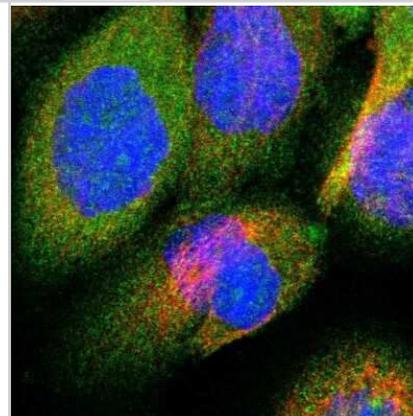
Immunohistochemistry-Paraffin: OSBPL3 Antibody [NBP1-82968] - Staining in human urinary bladder and pancreas tissues using anti-OSBPL3 antibody. Corresponding OSBPL3 RNA-seq data are presented for the same tissues.



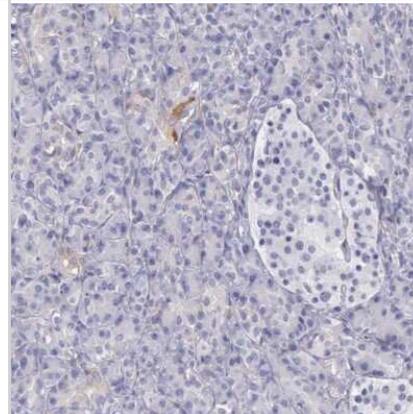
Western Blot: OSBPL3 Antibody [NBP1-82968] - Analysis in human cell lines A-431 and MCF-7 using Anti-OSBPL3 antibody. Corresponding OSBPL3 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



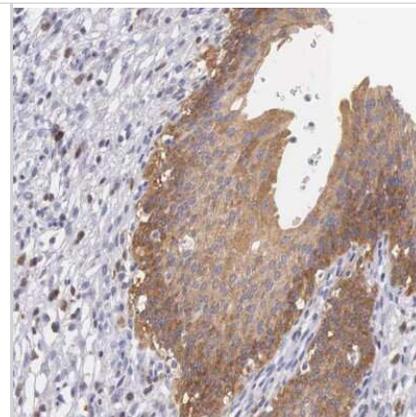
Immunocytochemistry/Immunofluorescence: OSBPL3 Antibody [NBP1-82968] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoli & cytosol.



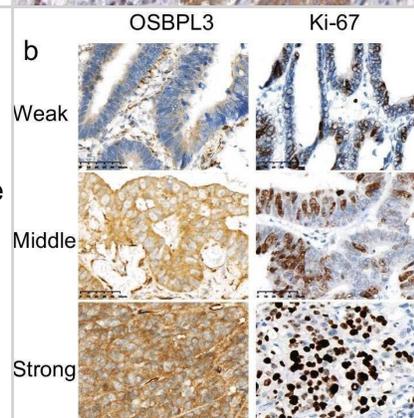
Immunohistochemistry-Paraffin: OSBPL3 Antibody [NBP1-82968] - Staining of human pancreas shows low expression as expected.



Immunohistochemistry-Paraffin: OSBPL3 Antibody [NBP1-82968] - Staining of human urinary bladder shows high expression.



Expression of OSBPL3 and Ki-67 in CRC samples detected by immunohistochemistry. a The pie chart shows the number of co-expression OSBPL3 and ki-67 in CRC samples. b Representative image of OSBPL3 and ki-67 score from weak to strong on normal intestinal epithelium and tumor tissues. Staining location: OSBPL3 staining is located in the nucleus and cytoplasm, and Ki-67 staining is located in the nucleus. The expression of Ki-67 was also weak in tissues with weak OSBPL3 expression; Ki-67 expression was also strong in tissues with strong expression of OSBPL3 (Magnification $\times 400$) Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/36517805>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Zhang M, Meng L, Zhang Z et al. The relationships of OSBPL3 expression with KI-67 expression and KRAS mutations in CRC: implications for diagnosis and prognosis BMC medical genomics 2022-12-14 [PMID: 36517805] (IHC, Human)

Zhang M, Meng L, Zhang Z et al. The respective relations of expression of OSBPL3 with Ki-67 expression and KRAS mutation in CRC for diagnosis and prognosis Research Square 2022-03-28 (IF/IHC)

Ek S, Andreasson U, Hober S et al. From gene expression analysis to tissue microarrays: a rational approach to identify therapeutic and diagnostic targets in lymphoid malignancies. Mol Cell Proteomics 2006-06-01 [PMID: 16524965]



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 NBP1-82968

NBP1-82968PEP	OSBPL3 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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