

# 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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Updated 2/21/2025 v.20.1

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**NBP1-82968**

OSBPL3 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**

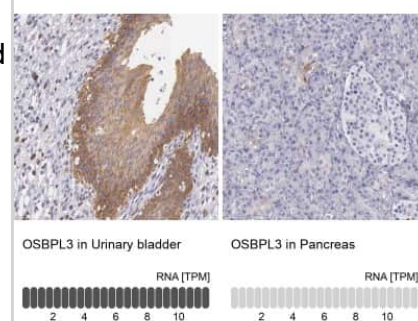
<b>Host</b>	Rabbit
<b>Gene ID</b>	26031
<b>Gene Symbol</b>	OSBPL3
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (87%), Rat (87%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: TLDFGEEKNYSDGSETSSSEFSKMQEDLCHIAHKVYFTLRSAFNIMSAEREKLKQ LMEQDASSPSAQVIGLKNALSSALAQNNTDLKERLRRRIHAESLLLDSPAVAKSG DNLAE

**Product Application Details**

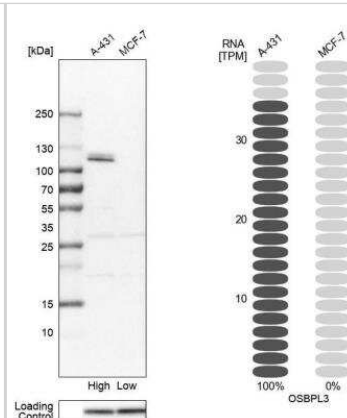
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

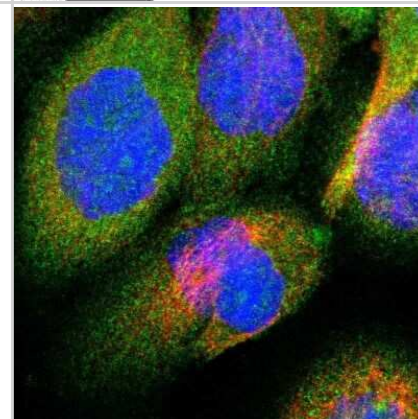
Immunohistochemistry-Paraffin: OSBPL3 Antibody [NBP1-82968] - Staining in human urinary bladder and pancreas tissues using anti-OSBPL3 antibody. Corresponding OSBPL3 RNA-seq data are presented for the same tissues.



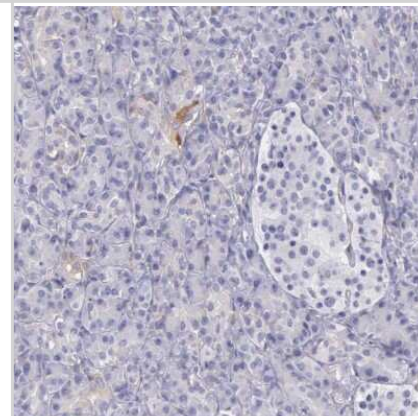
Western Blot: OSBPL3 Antibody [NBP1-82968] - Analysis in human cell lines A-431 and MCF-7 using Anti-OSBPL3 antibody. Corresponding OSBPL3 RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



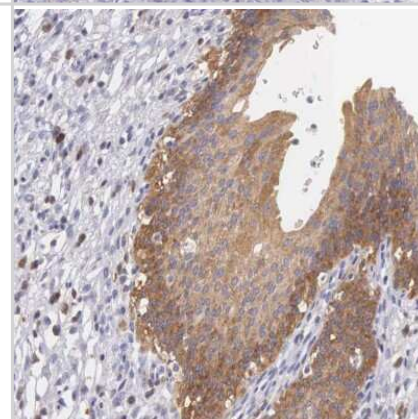
Immunocytochemistry/Immunofluorescence: OSBPL3 Antibody [NBP1-82968] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoli & cytosol.



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.



## 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]





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### **Products Related to NBP1-82968**

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NBP1-82968PEP	OSBPL3 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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