

Product Datasheet

BYSL Antibody - BSA Free **NBP1-89501**

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 9/9/2025 v.20.1

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NBP1-89501

BYSL 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

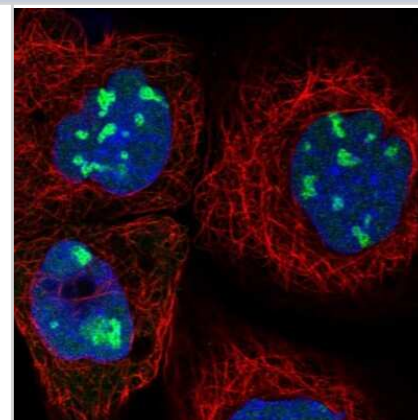
Description	Novus Biologicals Rabbit BYSL Antibody - BSA Free (NBP1-89501) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-BYSL Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	705
Gene Symbol	BYSL
Species	Human, Mouse
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LDALVFHFLGFRTEKRELPLVWHQCLLTQVRYKADLATDQKEALLELLRLQPH PQLSPEIRRELQSAVPRDVEDVPITVE

Product Application Details

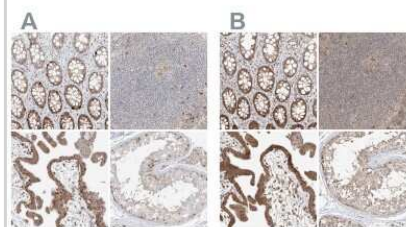
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

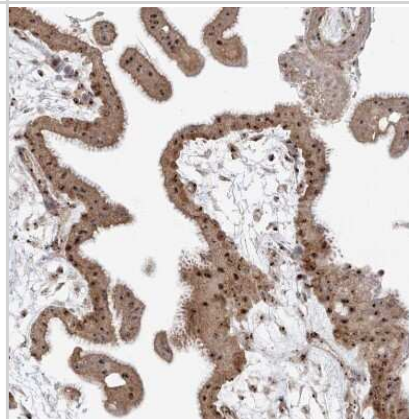
Immunocytochemistry/Immunofluorescence: BYSL Antibody [NBP1-89501] - Immunofluorescent staining of human cell line A-431 shows localization to nucleus & nucleoli. Antibody staining is shown in green.



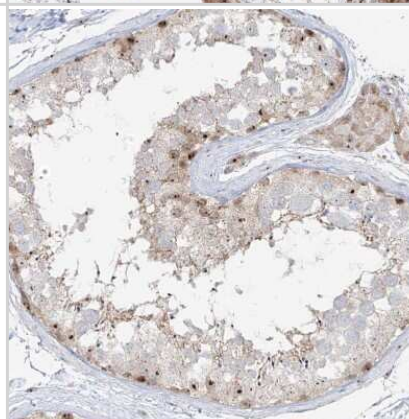
Immunohistochemistry-Paraffin: BYSL Antibody [NBP1-89501] - Staining of human gastrointestinal, lymphoid tissues, placenta and testis using Anti-BYSL antibody NBP1-89501 (A) shows similar protein distribution across tissues to independent antibody NBP1-89500 (B).



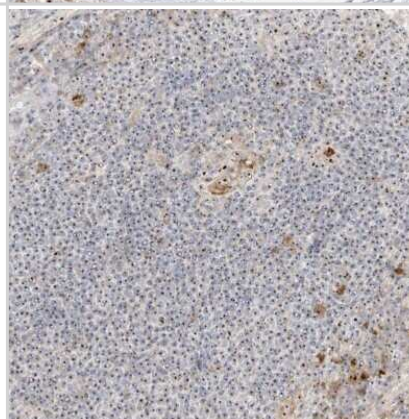
Immunohistochemistry-Paraffin: BYSL Antibody [NBP1-89501] - Staining of human placenta shows strong positivity in nucleoli in trophoblastic cells.



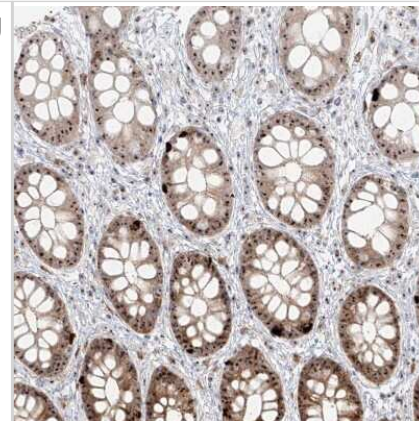
Immunohistochemistry-Paraffin: BYSL Antibody [NBP1-89501] - Staining of human testis shows moderate positivity in nucleoli in cells in seminiferous ducts.



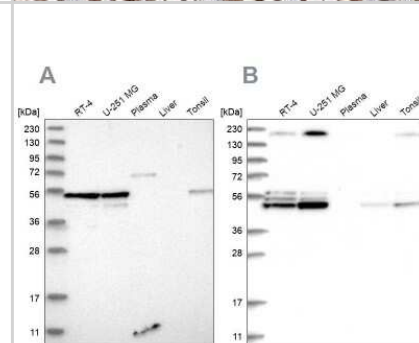
Immunohistochemistry-Paraffin: BYSL Antibody [NBP1-89501] - Staining of human lymph node shows strong positivity in nucleoli in lymphoid cells.



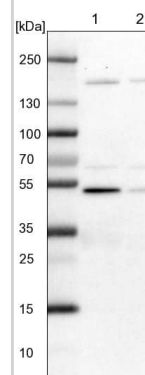
Immunohistochemistry-Paraffin: BYSL Antibody [NBP1-89501] - Staining of human rectum shows strong positivity in nucleoli in glandular cells.



Western Blot: BYSL Antibody [NBP1-89501] - Analysis using Anti-BYSL antibody NBP1-89501 (A) shows similar pattern to independent antibody NBP1-89500 (B).



Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells)
Lane 2: NBT-II cell lysate (Rat Wistar bladder tumour cells)



Publications

Zhang J, Tang H, Jiang X et al. Hypoxia-Induced miR-378a-3p Inhibits Osteosarcoma Invasion and Epithelial-to-Mesenchymal Transition via BYSL Regulation *Frontiers in Genetics* 2022-01-28 [PMID: 35154253] (Western Blot, Block/Neutralize)



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Products Related to NBP1-89501

NBP1-89501PEP	BYSL 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

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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