

Product Datasheet

LYAR Antibody - BSA Free NBP1-86827

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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NBP1-86827

LYAR 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

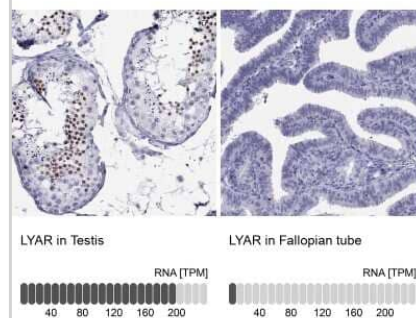
Product Description	
Description	Novus Biologicals Rabbit LYAR Antibody - BSA Free (NBP1-86827) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-LYAR Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55646
Gene Symbol	LYAR
Species	Human, Mouse
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23435261). Mouse reactivity reported in scientific literature (PMID: 22815056).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RELLEQISAFDNPVPRKKAKFQNWMLKSLVHNSILDQVWNIFSEASNSEPVN KEQDQRPLHPVANPHAEISTKVPASKVKDAVEQQGEVKKNKRERKEER

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

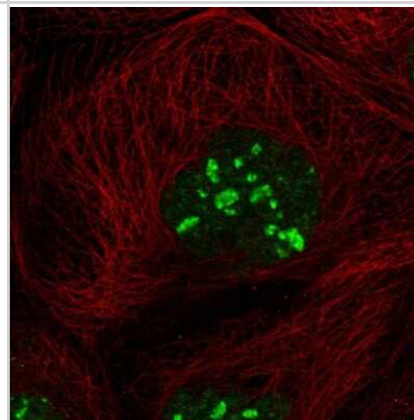


Images

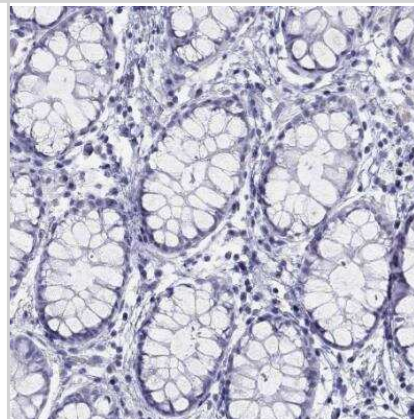
Immunohistochemistry-Paraffin: LYAR Antibody [NBP1-86827] - Staining in human testis and fallopian tube tissues using anti-LYAR antibody. Corresponding LYAR RNA-seq data are presented for the same tissues.



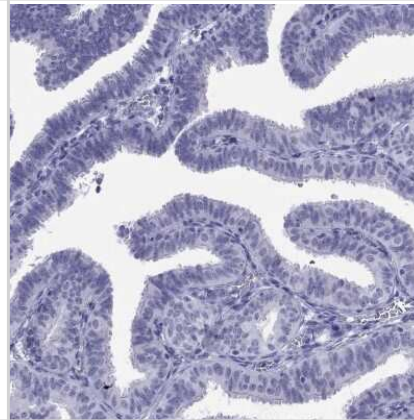
Immunocytochemistry/Immunofluorescence: LYAR Antibody [NBP1-86827] - Staining of human cell line A-431 shows localization to nucleus & nucleoli. Antibody staining is shown in green.



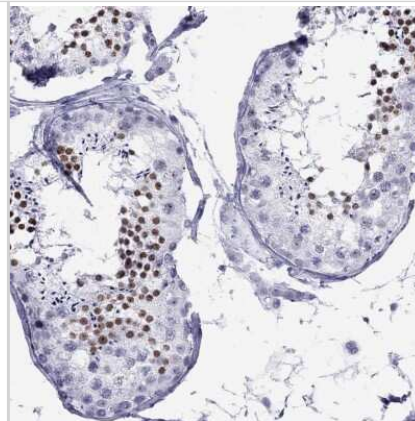
Immunohistochemistry-Paraffin: LYAR Antibody [NBP1-86827] - Staining of human rectum shows no positivity in glandular cells as expected.



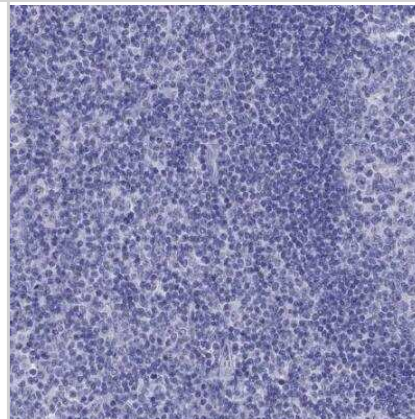
Immunohistochemistry-Paraffin: LYAR Antibody [NBP1-86827] - Staining of human fallopian tube shows low expression as expected.



Immunohistochemistry-Paraffin: LYAR Antibody [NBP1-86827] - Staining of human testis shows high expression.



Immunohistochemistry-Paraffin: LYAR Antibody [NBP1-86827] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



Publications

Miao H, Zhang Y, Liu C et al. Upregulation of Long Noncoding RNA Meg3 Induced by DNA Hypomethylation Maintains Stemness and Pluripotency of Mouse Embryonic Stem Cells in Folate Supplementation via Stabilization of LYAR *Lancet* 2019-06-23

Stadler C, Rexhepaj E, Singan VR et al. Immunofluorescence and fluorescent-protein tagging show high correlation for protein localization in mammalian cells. *Nat Methods* 2013-04-01 [PMID: 23435261]

Wang G, Fulkerson CM, Malek R et al. Mutations in Lyar and p53 are synergistically lethal in female mice *Birth Defects Res A Clin Mol Teratol* 2012-07-19 [PMID: 22815056] (WB, Mouse)



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Products Related to NBP1-86827

NBP1-86827PEP	LYAR 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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