

Product Datasheet

POLR3E Antibody - BSA Free

NBP1-84621

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: 1

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Updated 12/2/2025 v.20.1

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NBP1-84621

POLR3E 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

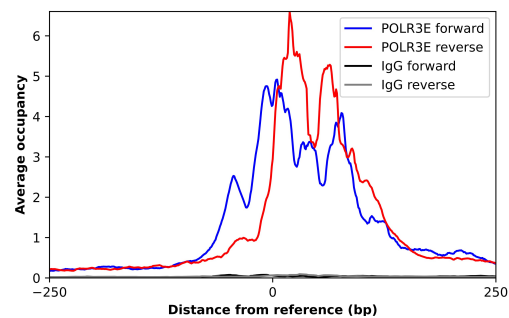
Product Description	
Description	Novus Biologicals Rabbit POLR3E Antibody - BSA Free (NBP1-84621) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-POLR3E Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	55718
Gene Symbol	POLR3E
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: FVMWKFTQSRWVVRKEVATVTKLCAEDVKDFLEHMAVVRINKGWEFILPYDGE FIKKHPDVVQRQHMLWTGIQAKLEKVYNLVKETMPKKPDAQ

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. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

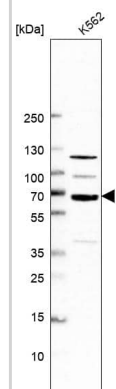


Images

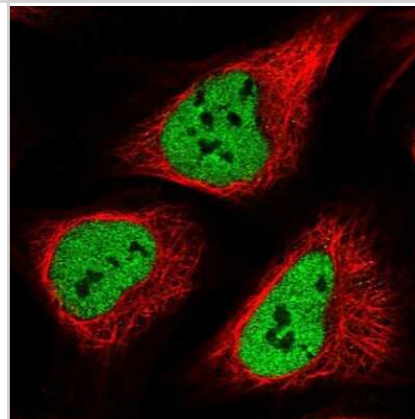
ChIP-Exo-Seq composite graph for Anti-POLR3E (NBP1-84621) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



Analysis in human cell line K562.



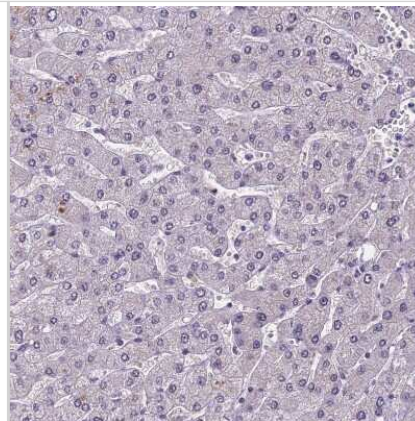
Immunocytochemistry/Immunofluorescence: POLR3E Antibody [NBP1-84621] - Staining of human cell line U-2 OS shows positivity in nucleus but not nucleoli.



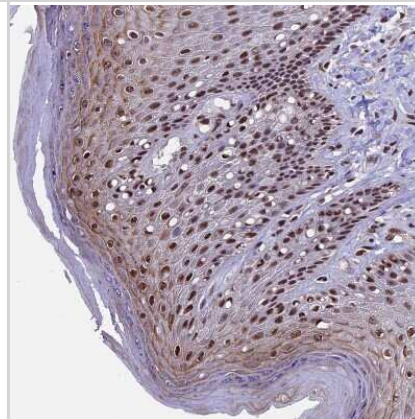
Immunohistochemistry-Paraffin: POLR3E Antibody [NBP1-84621] - Staining of human Small intestine shows moderate nuclear and cytoplasmic positivity in glandular cells.



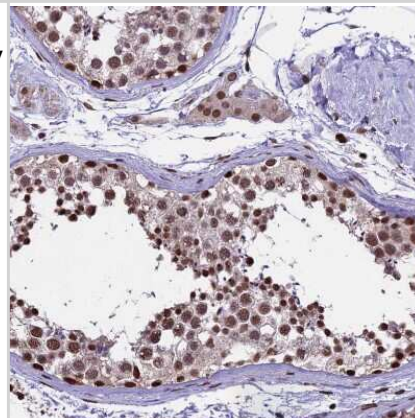
Immunohistochemistry-Paraffin: POLR3E Antibody [NBP1-84621] - Staining of human Liver shows very weak nuclear positivity in hepatocytes.



Immunohistochemistry-Paraffin: POLR3E Antibody [NBP1-84621] - Staining of human Skin shows strong nuclear and cytoplasmic positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: POLR3E Antibody [NBP1-84621] - Staining of human Testis shows strong nuclear and cytoplasmic positivity in cells in seminiferous ducts and Leydig cells.



Publications

Cristobal-Mondragon GR, Lara-Chacon B, Santiago A et al. FRET-based analysis and molecular modeling of the human GPN-loop GTPases 1 and 3 heterodimer unveils a dominant-negative protein complex FEBS J. 2019-07-12 [PMID: 31298811]



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Products Related to NBP1-84621

NBP1-84621PEP	POLR3E 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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