

Product Datasheet

DNA Polymerase beta Antibody - BSA Free NBP2-38600

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 2/23/2025 v.20.1

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NBP2-38600

DNA Polymerase beta 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	
Host	Rabbit
Gene ID	5423
Gene Symbol	POLB
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: YCGVLYFTGSDIFNKNMRAHALEKGFTINEYTIRPLGVTGVAGEPLPVDSEKDIF DYIQWKYREPKDRSE

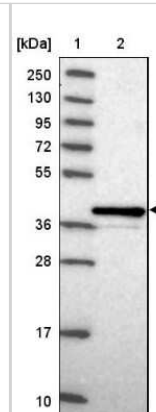
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 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

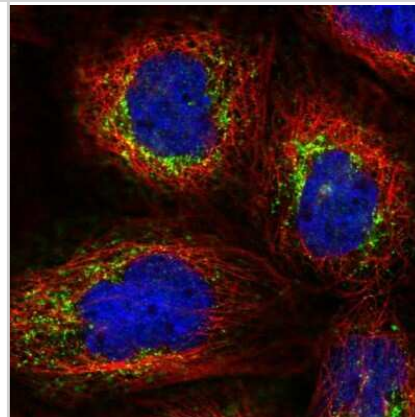
Immunohistochemistry-Paraffin: DNA Polymerase beta Antibody [NBP2-38600] - Staining in human testis and liver tissues using anti-POLB antibody. Corresponding POLB RNA-seq data are presented for the same tissues.



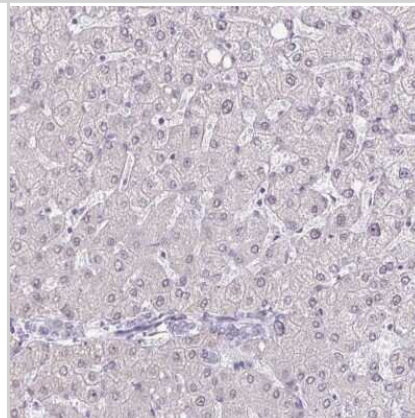
Western Blot: DNA Polymerase beta Antibody [NBP2-38600] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4



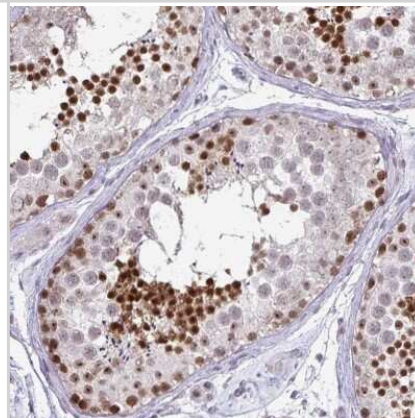
Immunocytochemistry/Immunofluorescence: DNA Polymerase beta Antibody [NBP2-38600] - Staining of human cell line A-431 shows localization to vesicles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: DNA Polymerase beta Antibody [NBP2-38600] - Staining of human liver shows low expression as expected.



Immunohistochemistry: DNA Polymerase beta Antibody [NBP2-38600] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.





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Products Related to NBP2-38600

NBP2-38600PEP	DNA Polymerase beta 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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