

Product Datasheet

DNA Polymerase beta Antibody (JM93-12) NBP2-67036

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67036

DNA Polymerase beta Antibody (JM93-12)

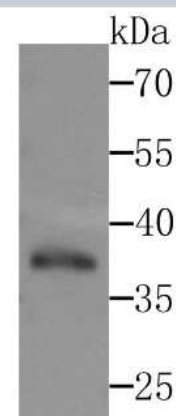
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM93-12
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	POLB
Species	Human, Mouse, Rat, Zebrafish
Immunogen	Synthetic peptide within Human DNA Polymerase beta aa 286-335 / 335. (SwissProt: P06746 Human; SwissProt: Q8K409 Mouse; SwissProt: P06766 Rat)

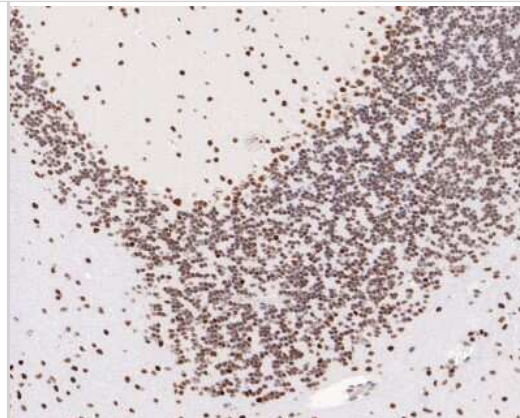
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, Immunocytochemistry/ Immunofluorescence 1:20-1:50, Immunoprecipitation 1:10-1:20, Immunohistochemistry-Paraffin 1:50-1:200

Images

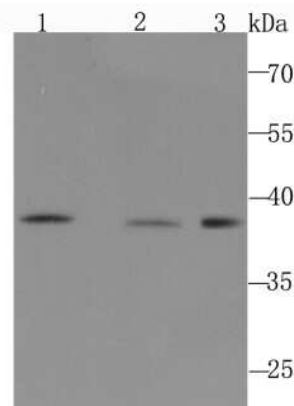
Western Blot: DNA Polymerase beta Antibody (JM93-12) [NBP2-67036]
 - Western blot analysis of DNA Polymerase beta on zebrafish tissue lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:200,000 dilution was used for 1 hour at room temperature.



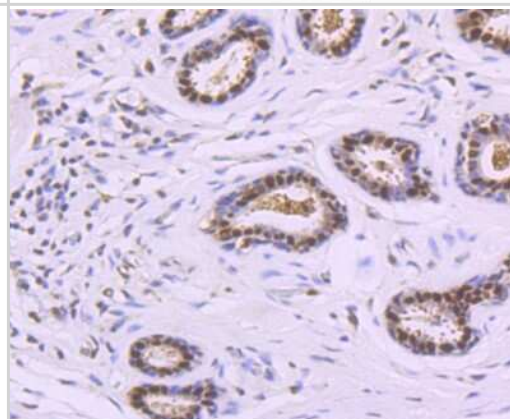
Immunohistochemistry-Paraffin: DNA Polymerase beta Antibody (JM93-12) [NBP2-67036] - Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue using anti-DNA Polymerase beta antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



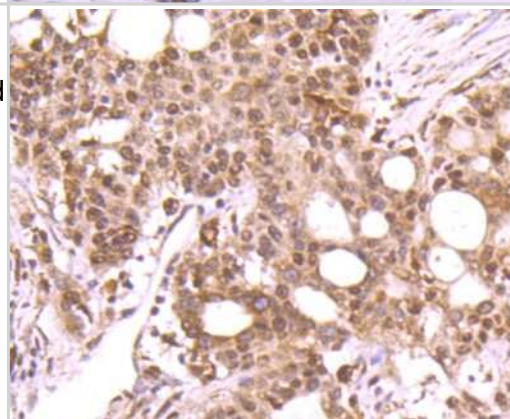
Western Blot: DNA Polymerase beta Antibody (JM93-12) [NBP2-67036] - Analysis of DNA Polymerase beta on different cell lysates using anti-DNA Polymerase beta antibody at 1/1,000 dilution. Positive control: Lane 1: PC-12 Lane 2: NIH-3T3 Lane 3: A431



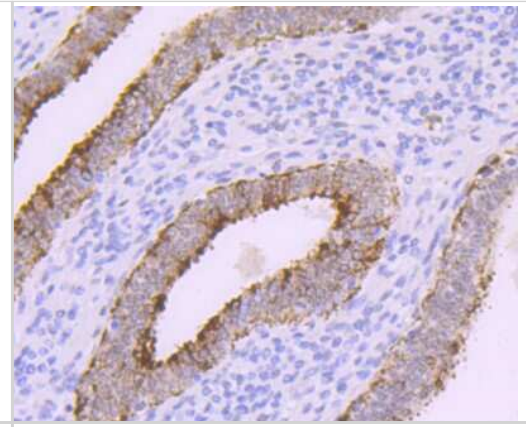
Immunohistochemistry-Paraffin: DNA Polymerase beta Antibody (JM93-12) [NBP2-67036] - Analysis of paraffin-embedded human breast cancer tissue using anti-DNA Polymerase beta antibody. Counter stained with hematoxylin.



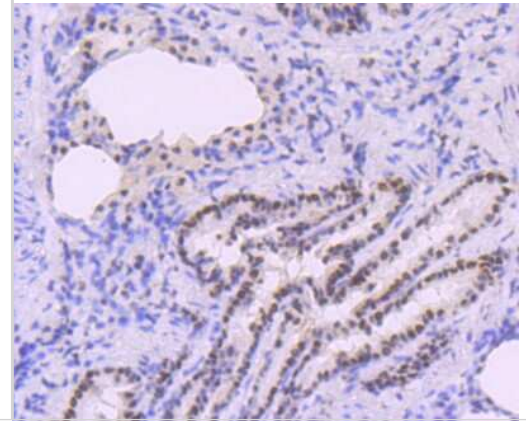
Immunohistochemistry-Paraffin: DNA Polymerase beta Antibody (JM93-12) [NBP2-67036] - Analysis of paraffin-embedded human stomach cancer tissue using anti-DNA Polymerase beta antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: DNA Polymerase beta Antibody (JM93-12) [NBP2-67036] - Analysis of paraffin-embedded human uterus tissue using anti-DNA Polymerase beta antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: DNA Polymerase beta Antibody (JM93-12) [NBP2-67036] - Analysis of paraffin-embedded rat lung tissue using anti-DNA Polymerase beta antibody. Counter stained with hematoxylin.





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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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