

Product Datasheet

DNA Ligase I Antibody (0D6M4) NBP3-33540-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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NBP3-33540-100ul

DNA Ligase I Antibody (0D6M4)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	0D6M4
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	102 kDa

Product Description	
Description	Novus Biologicals Rabbit DNA Ligase I Antibody (0D6M4) (NBP3-33540) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3978
Gene Symbol	LIG1
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-91 of human DNA Ligase I (P18858). Sequence: MQRSIMSFFHPKKEGKAKKPEKEASNSSRETEPPPKAALKEWNGVVSESDSP VKRPGRKAARVLGSEGEEDALSPAQKQKPALDCSQVS

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 ug/mL, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

Images

Western Blot: DNA Ligase I Antibody (0D6M4) [NBP3-33540] - Western blot analysis of lysates from Jurkat cells, using DNA Ligase I Rabbit mAb at 1:1000 dilution.

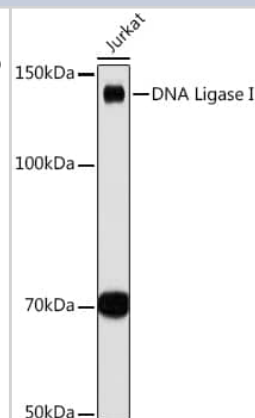
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.


Lysates/proteins: 25ug per lane.


Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

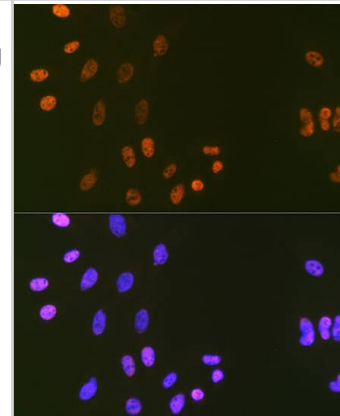
Exposure time: 30s.





Immunohistochemistry: DNA Ligase I Antibody (0D6M4) [NBP3-33540] -  Immunohistochemistry analysis of DNA Ligase I in paraffin-embedded human colon carcinoma tissue using DNA Ligase I Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.


Immunohistochemistry: DNA Ligase I Antibody (0D6M4) [NBP3-33540] -  Immunohistochemistry analysis of DNA Ligase I in paraffin-embedded rat lung tissue using DNA Ligase I Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.


Immunocytochemistry/ Immunofluorescence: DNA Ligase I Antibody (0D6M4) [NBP3-33540] - Immunofluorescence analysis of C6 cells using DNA Ligase I Rabbit mAb (A9301) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry: DNA Ligase I Antibody (0D6M4) [NBP3-33540] -  Immunohistochemistry analysis of DNA Ligase I in paraffin-embedded rat brain tissue using DNA Ligase I Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry: DNA Ligase I Antibody (0D6M4) [NBP3-33540] -  - Immunohistochemistry analysis of DNA Ligase I in paraffin-embedded human thyroid cancer tissue using DNA Ligase I Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry: DNA Ligase I Antibody (0D6M4) [NBP3-33540] -  - Immunohistochemistry analysis of DNA Ligase I in paraffin-embedded human spleen tissue using DNA Ligase I Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry: DNA Ligase I Antibody (0D6M4) [NBP3-33540] -  - Immunohistochemistry analysis of DNA Ligase I in paraffin-embedded mouse brain tissue using DNA Ligase I Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



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Products Related to NBP3-33540-100ul

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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