

# Product Datasheet

## DNA Ligase III Antibody (HL2280) - Azide and BSA Free NBP3-25441

Unit Size: 100 ul

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

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**NBP3-25441**

DNA Ligase III Antibody (HL2280) - Azide and BSA Free

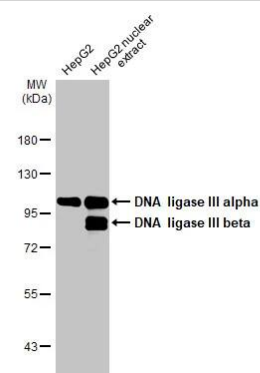
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL2280
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit DNA Ligase III Antibody (HL2280) - Azide and BSA Free (NBP3-25441) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3980
Gene Symbol	LIG3
Species	Human, Mouse, Rat
Immunogen	Recombinant fragment of human DNA Ligase III.

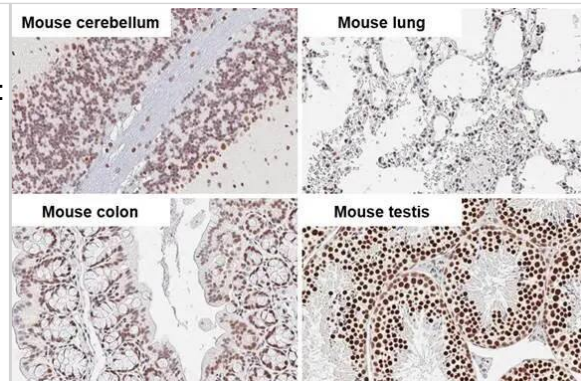
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin

**Images**

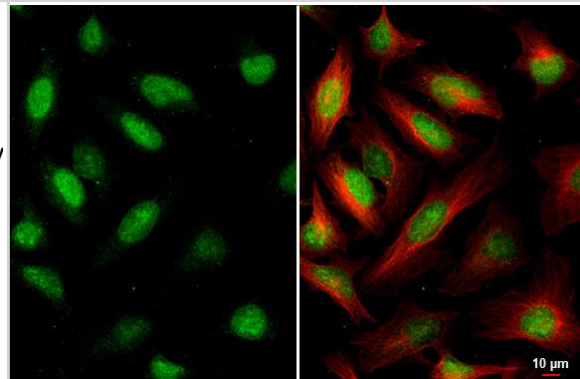
Western Blot: DNA Ligase III Antibody (HL2280) - Azide and BSA Free [NBP3-25441] - HepG2 whole cell and nuclear extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with DNA ligase III antibody [HL2280] (NBP3-25441) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



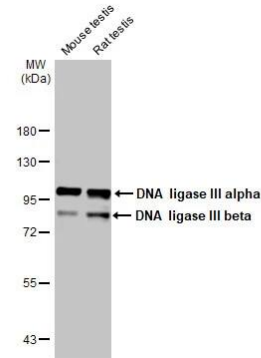
**Immunohistochemistry-Paraffin: DNA Ligase III Antibody (HL2280) - Azide and BSA Free [NBP3-25441] - DNA ligase III antibody [HL2280] detects DNA ligase III protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse tissues. DNA ligase III stained by DNA ligase III antibody [HL2280] (NBP3-25441) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min**



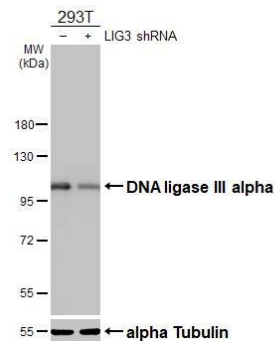
**Immunocytochemistry/Immunofluorescence: DNA Ligase III Antibody (HL2280) - Azide and BSA Free [NBP3-25441] - DNA ligase III antibody [HL2280] detects DNA ligase III protein at cytoplasm and nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: DNA ligase III stained by DNA ligase III antibody [HL2280] (NBP3-25441) diluted at 1:500. Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] diluted at 1:1000.**



**Western Blot: DNA Ligase III Antibody (HL2280) - Azide and BSA Free [NBP3-25441] - Various tissue extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with DNA ligase III antibody [HL2280] (NBP3-25441) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.**



**Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with DNA ligase III antibody [HL2280] (NBP3-25441) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.**





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### **Products Related to NBP3-25441**

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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

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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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