

Product Datasheet

DNA Ligase IV Antibody - BSA Free NBP1-87405

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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NBP1-87405

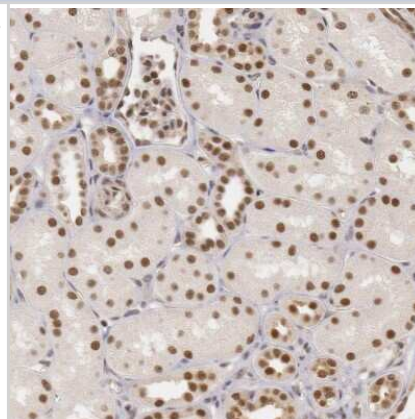
DNA Ligase IV Antibody - BSA Free

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	3981
Gene Symbol	LIG4
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23405159). Mouse (83%), Rat (82%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TYCVIAGSENIKRVKNIILSNKHVVKPAWLLECFKTKSFVPWQPRFMIHMCPTK EHFAREYDCYGDSYFIDTDLNQLKEVFSGIKNSNEQTPEEMASLIADLEYRYSW DCSPLSMFRRHTVYLDSEA
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

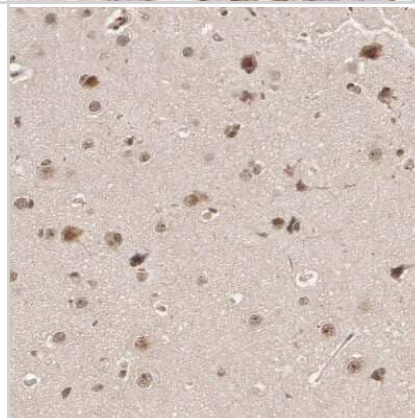


Images

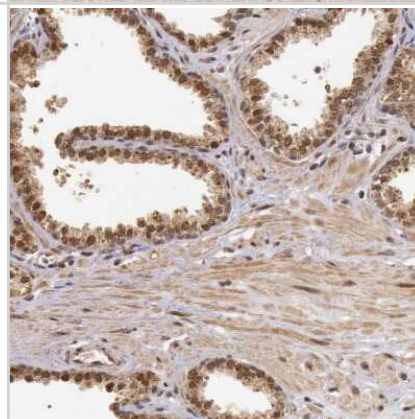
Immunohistochemistry-Paraffin: DNA Ligase IV Antibody [NBP1-87405] - Staining of human kidney shows moderate to strong nuclear positivity in cells in tubules.



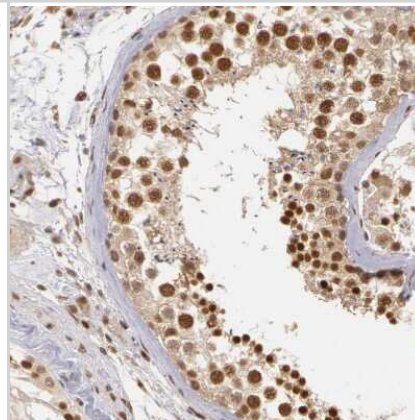
Immunohistochemistry-Paraffin: DNA Ligase IV Antibody [NBP1-87405] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons.



Immunohistochemistry-Paraffin: DNA Ligase IV Antibody [NBP1-87405] - Staining of human prostate shows moderate to strong nuclear positivity in glandular cells and smooth muscle.



Immunohistochemistry-Paraffin: DNA Ligase IV Antibody [NBP1-87405] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



Publications

Sousa MM, Zub KA, Aas PA et al. An inverse switch in DNA base excision and strand break repair contributes to melphalan resistance in multiple myeloma cells. PLoS One. 2013-02-06 [PMID: 23405159]



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Products Related to NBP1-87405

NBP1-87405PEP	DNA Ligase IV 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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