

Product Datasheet

Thymidine Kinase 2 Antibody - BSA Free NBP1-92505

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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Publications: 2

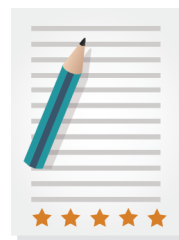
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NBP1-92505**Thymidine Kinase 2 Antibody - BSA Free**

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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

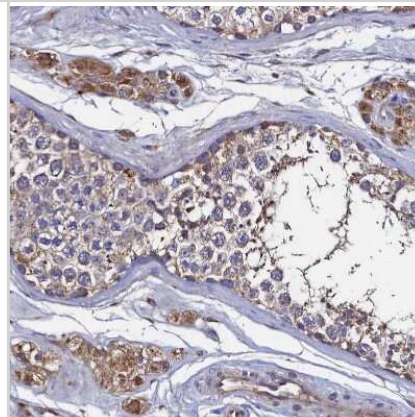
Product Description	
Description	Novus Biologicals Rabbit Thymidine Kinase 2 Antibody - BSA Free (NBP1-92505) is a polyclonal antibody validated for use in IHC and WB. Anti-Thymidine Kinase 2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7084
Gene Symbol	TK2
Species	Human
Reactivity Notes	Rat (81%), Mouse (81%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YVVLSEWFDWILRNMDVSVDLIVYLRTNPETCYQRLKKRCREEEKVIPLEYLEAI HHLHEEWLIKGSFLPMAAPVLVIEADHHMERMLELFEQNRD

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

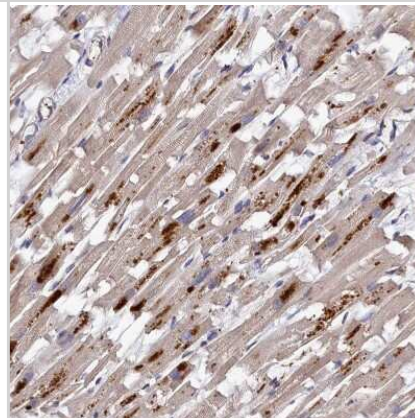


Images

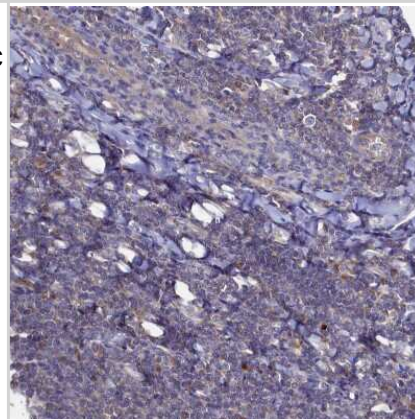
Immunohistochemistry-Paraffin: Thymidine Kinase 2 Antibody [NBP1-92505] - Staining of human Testis shows strong granular cytoplasmic positivity in Leydig cells.



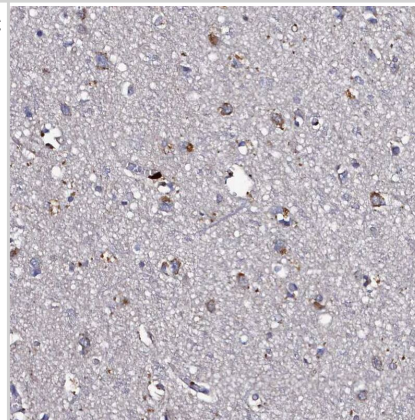
Immunohistochemistry-Paraffin: Thymidine Kinase 2 Antibody [NBP1-92505] - Staining of human heart muscle shows moderate granular cytoplasmic positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: Thymidine Kinase 2 Antibody [NBP1-92505] - Staining of human Tonsil shows very weak granular cytoplasmic positivity in non-germinal center cells.



Staining of human Cerebral cortex shows moderate granular cytoplasmic positivity in neuronal cells.



Publications

Ward A, Kamath V, Hsiung C et al. Compartmentalized thymidine phosphorylation by mitochondrial nucleotide kinases TK2 and CMPK2. The Journal of Biological Chemistry 2025-09-16 [PMID: 40967432]

Di Cresce C, Figueredo R, Rytelowski M et al. siRNA knockdown of mitochondrial thymidine kinase 2 (TK2) sensitizes human tumor cells to gemcitabine. Oncotarget 2015-09-08 [PMID: 26087398] (WB, KD, Human)





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Products Related to NBP1-92505

NBP1-92505PEP	Thymidine Kinase 2 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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