

Product Datasheet

Thymidine Kinase 1 Antibody - BSA Free NBP2-20626

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-20626**Thymidine Kinase 1 Antibody - BSA Free**

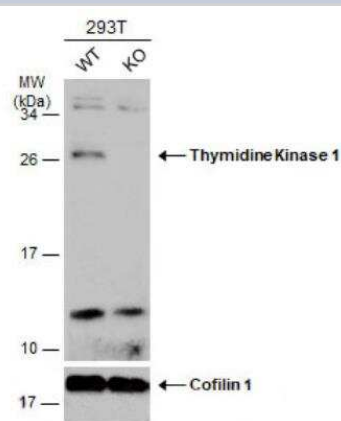
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	25 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit Thymidine Kinase 1 Antibody - BSA Free (NBP2-20626) is a polyclonal antibody validated for use in IHC and WB. Anti-Thymidine Kinase 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7083
Gene Symbol	TK1
Species	Human, Mouse, Rat
Reactivity Notes	Chicken (83%), Zebrafish (81%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Thymidine Kinase 1. The exact sequence is proprietary.

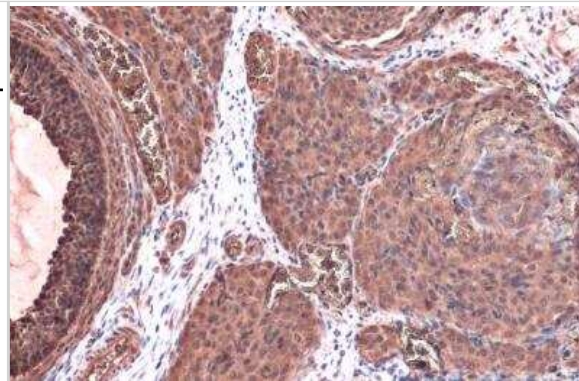
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

Images

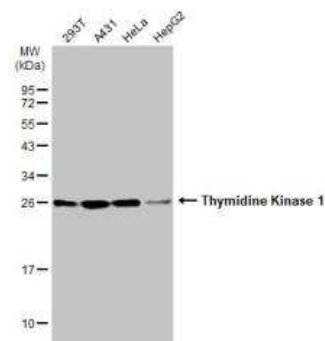
Western Blot: Thymidine Kinase 1 Antibody [NBP2-20626] - Wild-type (WT) and Thymidine Kinase 1 knockout (KO) 293T cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Thymidine Kinase 1 antibody diluted at 1:500. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody



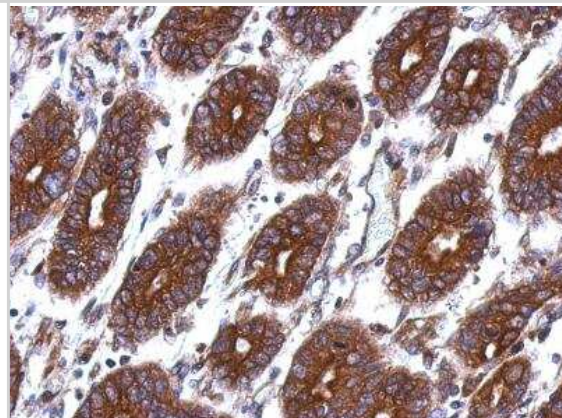
Immunohistochemistry-Paraffin: Thymidine Kinase 1 Antibody [NBP2-20626] - Thymidine Kinase 1 antibody detects Thymidine Kinase 1 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat ovary. Thymidine Kinase 1 stained by Thymidine Kinase 1 antibody diluted at 1:500.



Western Blot: Thymidine Kinase 1 Antibody [NBP2-20626] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Thymidine Kinase 1 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



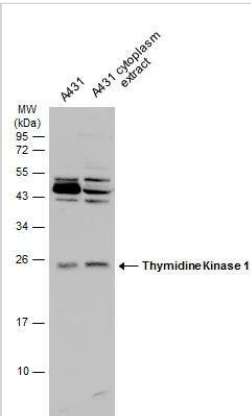
Immunohistochemistry-Paraffin: Thymidine Kinase 1 Antibody [NBP2-20626] - Human colon carcinoma, using Thymidine Kinase 1 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: Thymidine Kinase 1 Antibody [NBP2-20626] - Mouse muscle, using Thymidine Kinase 1 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



A431 whole cell and cytoplasm extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Thymidine Kinase 1 antibody (NBP2-20626) diluted at 1:1000.



Publications

Agarwal HK, Khalil A, Ishita K et al. Synthesis and evaluation of thymidine kinase 1-targeting carboranyl pyrimidine nucleoside analogs for boron neutron capture therapy of cancer *Eur J Med Chem.* 2015-05-27 [PMID: 26087030] (WB, Rat)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-20626

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.

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