

# Product Datasheet

## t-Plasminogen Activator/tPA Antibody NBP2-20648

Unit Size: 0.1 ml

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

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**NBP2-20648****t-Plasminogen Activator/tPA Antibody**

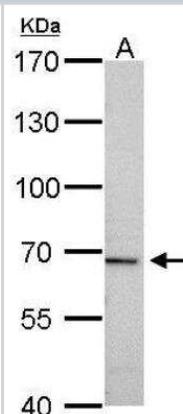
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	63 kDa

Product Description	
Host	Rabbit
Gene ID	5327
Gene Symbol	PLAT
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Porcine (82%), Bovine (82%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human t-Plasminogen Activator/tPA. The exact sequence is proprietary.

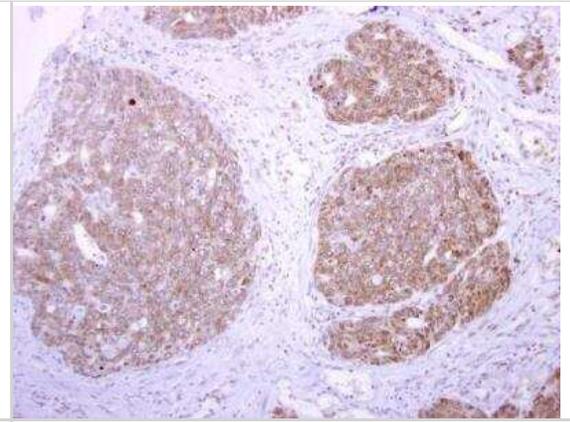
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, ELISA Reported in scientific literature (PMID 28132883), Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

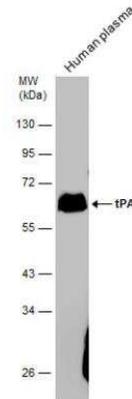
Western Blot: t-Plasminogen Activator/tPA Antibody [NBP2-20648] - A. 30 ug PC-12 whole cell lysate/extract 7.5% SDS-PAGE tPA antibody dilution: 1:1000 The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



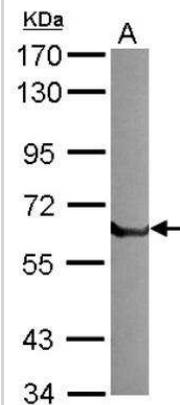
Immunohistochemistry-Paraffin: t-Plasminogen Activator/tPA Antibody [NBP2-20648] - Colon carcinoma. tPA antibody dilution: 1:250. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



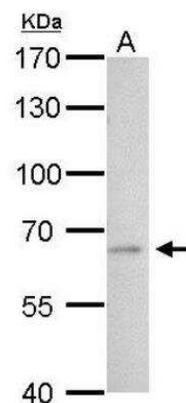
Western Blot: t-Plasminogen Activator/tPA Antibody [NBP2-20648] - Human plasma (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with tPA antibody diluted at 1:2000.



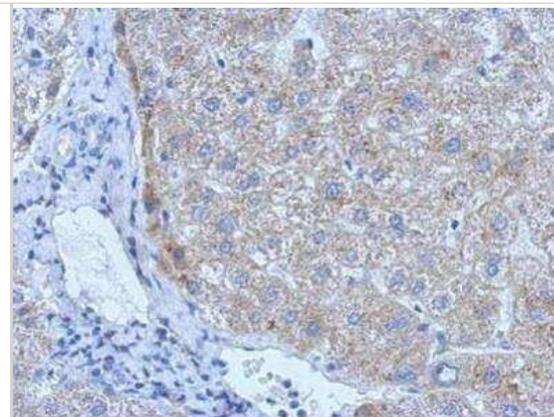
Western Blot: t-Plasminogen Activator/tPA Antibody [NBP2-20648] - Sample (30 ug of whole cell lysate) A: 293T 7.5% SDS PAGE gel, diluted at 1:1000.



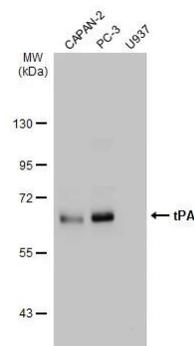
Western Blot: t-Plasminogen Activator/tPA Antibody [NBP2-20648] - A. 30 ug Neuro2A whole cell lysate/extract 7.5% SDS-PAGE tPA antibody dilution: 1:1000 The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunohistochemistry-Paraffin: t-Plasminogen Activator/tPA Antibody [NBP2-20648] - Human hepatoma. tPA antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: t-Plasminogen Activator/tPA Antibody [NBP2-20648] - Various whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with t-Plasminogen Activator/tPA antibody (NBP2-20648) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Santus William, Barresi Simona, Mingozi Francesca et al. Skin infections are eliminated by cooperation of the fibrinolytic and innate immune systems. *Science Immunology* 2017-09-22 [PMID: 28939652] (WB, Mouse)

Zhong Y, Zhang Y, Xu J et al. Low-Intensity Focused Ultrasound-Responsive Phase-Transitional Nanoparticles for Thrombolysis without Vascular Damage: A Synergistic Nonpharmaceutical Strategy *ACS Nano* 2019-03-26 [PMID: 30855938] (IF/IHC, Rat)

Gerenu G, Martisova E, Ferrero H et al. Modulation of BDNF cleavage by plasminogen-activator inhibitor-1 contributes to Alzheimer's neuropathology and cognitive deficits *Biochim. Biophys. Acta* 2017-01-26 [PMID: 28132883] (ELISA, Mouse)



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### **Products Related to NBP2-20648**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-59553-50ug	Recombinant Human t-Plasminogen Activator/tPA His Protein

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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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