

# Product Datasheet

## **Triosephosphate isomerase Antibody (181) - Azide and BSA Free NBP2-43761**

Unit Size: 0.1 ml

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

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### **Publications: 2**

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Updated 9/9/2025 v.20.1

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**NBP2-43761**


Triosephosphate isomerase Antibody (181) - Azide and 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	Monoclonal
Clone	181
Preservative	No Preservative
Isotype	IgG3
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	31 kDa

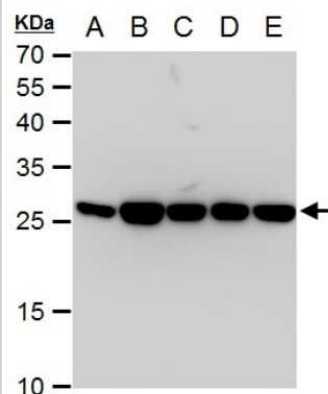
Product Description	
Description	Novus Biologicals Mouse Triosephosphate isomerase Antibody (181) - Azide and BSA Free (NBP2-43761) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Triosephosphate isomerase Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	7167
Gene Symbol	TPI1
Species	Human, Mouse, Rat
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human Triosephosphate isomerase. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

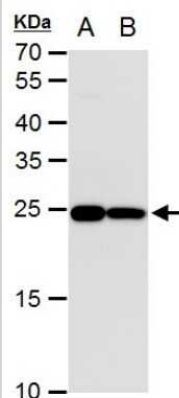
**Images**

Western Blot: Triosephosphate isomerase Antibody (181) [NBP2-43761]   
 - Analysis of A. 30 ug 293T whole cell extract B. 30 ug A431 whole cell extract C. 30 ug HeLa whole cell extract D. 30 ug HepG2 whole cell extract  
 12 % SDS-PAGE Triosephosphate isomerase antibody [181] dilution: 1:1000

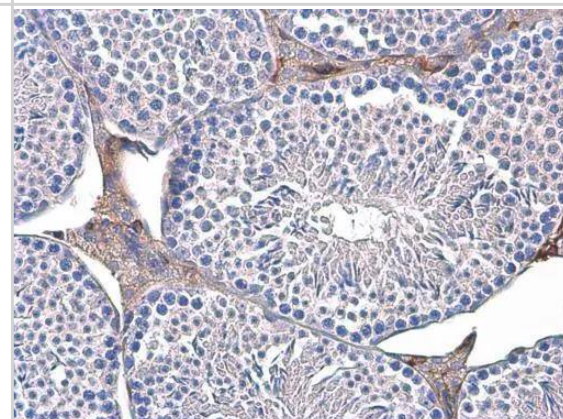
Western Blot: Triosephosphate isomerase Antibody (181) [NBP2-43761]  
 - Analysis of A. 30 ug Neuro2A whole cell extract B. 30 ug C8D30 whole cell extract C. 30 ug NIH-3T3 whole cell extract D. 30 ug Raw264.7 whole cell extract E. 30 ug C2C12 whole cell extract 12 % SDS-PAGE Triosephosphate isomerase antibody [181] dilution: 1:1000



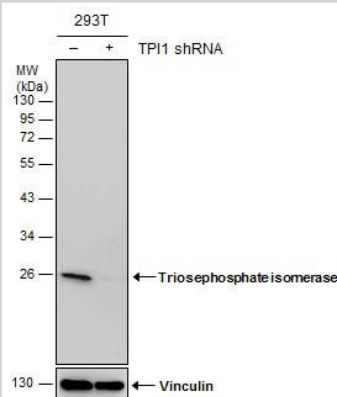
Western Blot: Triosephosphate isomerase Antibody (181) [NBP2-43761]  
 - Analysis of A. 30 ug PC-12 whole cell extract B. 30 ug Rat2 whole cell extract 12 % SDS-PAGE Triosephosphate isomerase antibody [181] dilution: 1:1000



Triosephosphate isomerase antibody [GT181] detects Triosephosphate isomerase protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mouse testis. Triosephosphate isomerase stained by Triosephosphate isomerase antibody [GT181] (NBP2-43761) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Triosephosphate isomerase antibody [GT181] (NBP2-43761) diluted at 1:500.



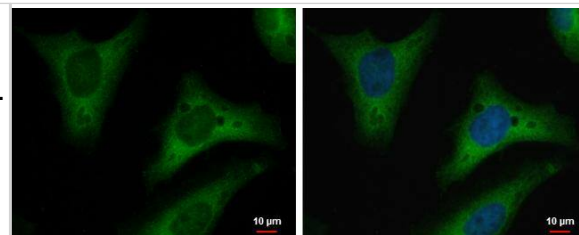
Triosephosphate isomerase antibody [GT181] detects Triosephosphate isomerase protein at cytoplasm by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Triosephosphate isomerase protein stained by Triosephosphate isomerase antibody [GT181] (NBP2-43761) diluted at 1:200.

Blue: Hoechst 33342 staining.

Scale bar = 10  $\mu$ m.



## Publications

Tang Q, Tang Y, Yang Q et al. Embelin attenuates lipopolysaccharide-induced acute kidney injury through the inhibition of M1 macrophage activation and NF- $\kappa$ B signaling in mice Heliyon 2023-02-01 [PMID: 36938407] (IHC-P, Mouse)

Tang Y, Wang C, Chen S et al. Dimethyl fumarate attenuates LPS induced septic acute kidney injury by suppression of Nf kappa B p65 phosphorylation and macrophage activation International immunopharmacology 2022-01-01 [PMID: 34915410] (ICC/IF, Mouse)



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### **Products Related to NBP2-43761**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96777	Mouse IgG3 Isotype Control (MG3)

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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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