

# Product Datasheet

**mtTFA Antibody (4H2M9)**

**NBP3-16154-100ul**

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP3-16154-100ul**

mtTFA Antibody (4H2M9)

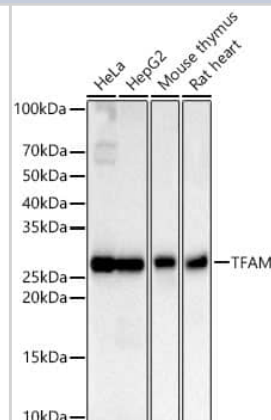
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4H2M9
<b>Preservative</b>	0.05% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description	
<b>Description</b>	Novus Biologicals Rabbit mtTFA Antibody (4H2M9) (NBP3-16154) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7019
<b>Gene Symbol</b>	TFAM
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human mtTFA (NP_003192.1). QDAYRAEWQVYKEEISRFEQLTPSQIMSLEKEIMDKHLKRKAMTKKKELTLLG KPKRPRSAYNVVVAERFQEAKGDSPEKLTQVKNWKNLSDSEKELY

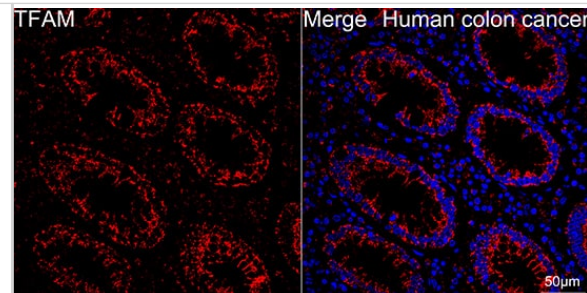
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:10000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin

**Images**

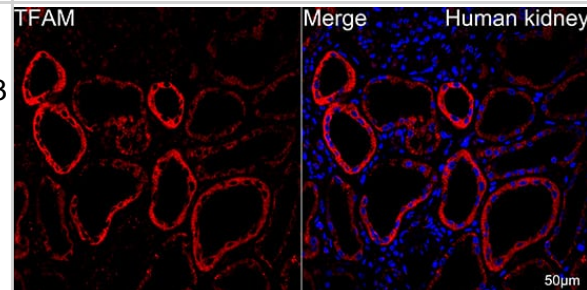
Western Blot: mtTFA Antibody (4H2M9) [NBP3-16154] - Western blot analysis of various lysates, using TmtTFA Rabbit mAb at 1:1200 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit.  
Exposure time: 30s.



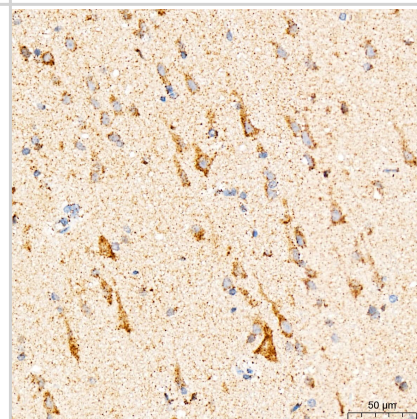
Immunocytochemistry/ Immunofluorescence: mtTFA Antibody (4H2M9) [NBP3-16154] - Confocal imaging of paraffin-embedded Human colon cancer tissue using mtTFA Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



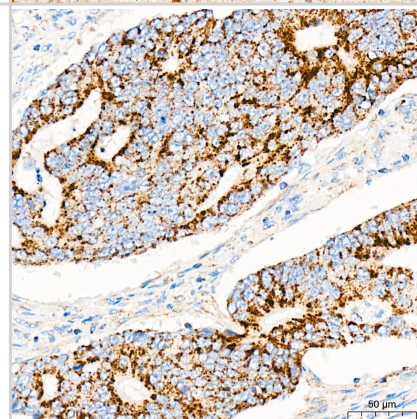
Immunocytochemistry/ Immunofluorescence: mtTFA Antibody (4H2M9) [NBP3-16154] - Confocal imaging of paraffin-embedded Human kidney tissue using mtTFA Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



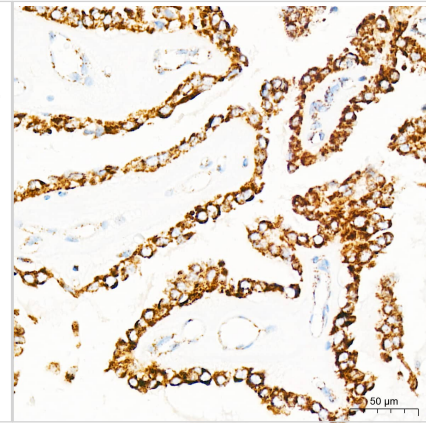
Immunohistochemistry: mtTFA Antibody (4H2M9) [NBP3-16154] - Immunohistochemistry analysis of paraffin-embedded Human brain tissue using mtTFA Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: mtTFA Antibody (4H2M9) [NBP3-16154] - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using mtTFA Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: mtTFA Antibody (4H2M9) [NBP3-16154] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using mtTFA Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.





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### **Products Related to NBP3-16154-100ul**

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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

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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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