

Product Datasheet

mtTFA Antibody (4H2M9)

NBP3-16154-100ul

Unit Size: 100 ul

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

www.novusbio.com



technical@novusbio.com

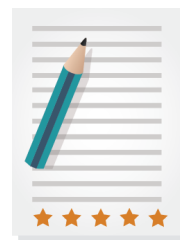
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NBP3-16154-100ul

mtTFA Antibody (4H2M9)

Product Information

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

Product Description

Host	Rabbit
Gene ID	7019
Gene Symbol	TFAM
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human mtTFA (NP_003192.1). QDAYRAEWQVYKEEISRFKEQLTPSQIMSLEKEIMDKHLKRKAMTKKKELTLLG KPKRPRSAYNVYVAERFQEAKGDSPQEKLKTVKENWKNLSDSEKELY

Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:10000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin

Images

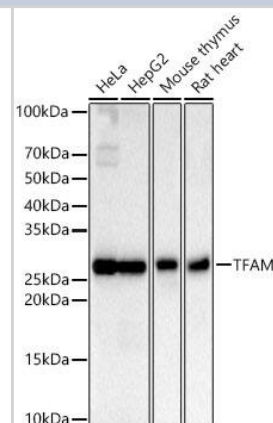
Western Blot: mtTFA Antibody (4H2M9) [NBP3-16154] - Western blot analysis of various lysates, using TmtTFA Rabbit mAb at 1:1200 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

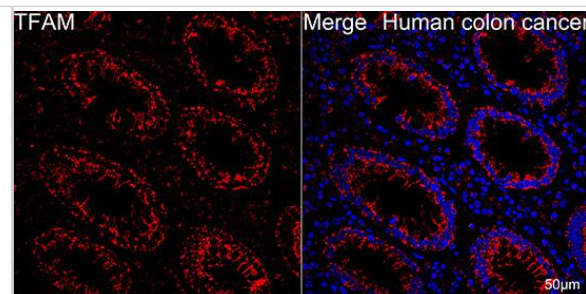
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

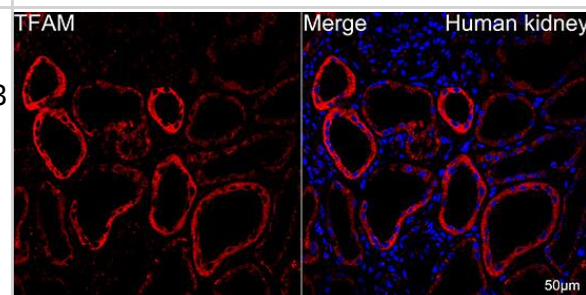
Exposure time: 30s.



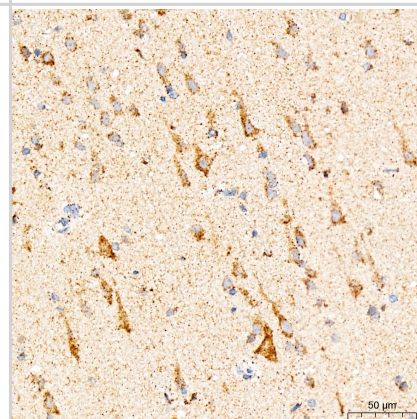
Immunocytochemistry/ Immunofluorescence: mtTFA Antibody (4H2M9) [NBP3-16154] - Confocal imaging of paraffin-embedded Human colon cancer tissue using mtTFA Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform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



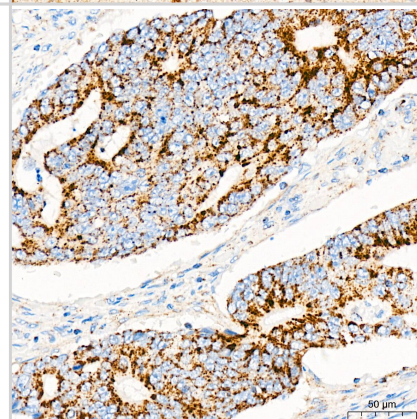
Immunocytochemistry/ Immunofluorescence: mtTFA Antibody (4H2M9) [NBP3-16154] - Confocal imaging of paraffin-embedded Human kidney tissue using mtTFA Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) . DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high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



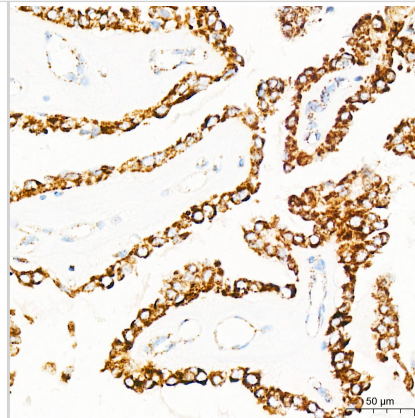
Immunohistochemistry: mtTFA Antibody (4H2M9) [NBP3-16154] - Immunohistochemistry analysis of paraffin-embedded Human brain tissue using mtTFA Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



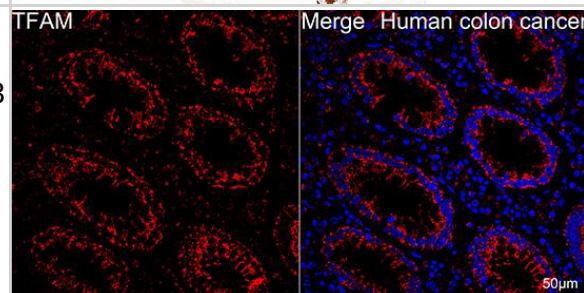
Immunohistochemistry: mtTFA Antibody (4H2M9) [NBP3-16154] - Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using mtTFA Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



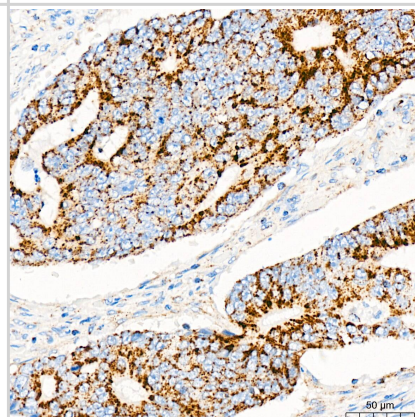
Immunohistochemistry: mtTFA Antibody (4H2M9) [NBP3-16154] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using mtTFA Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



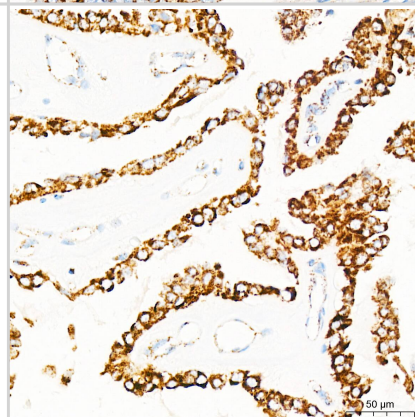
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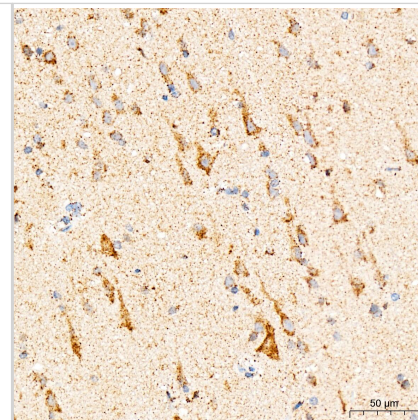
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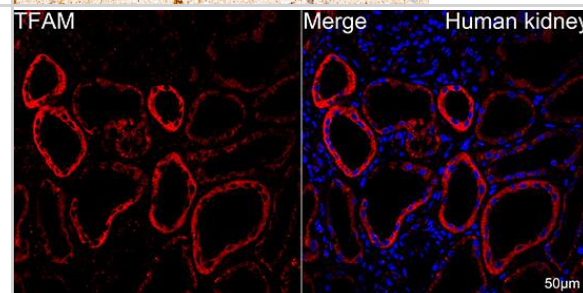
Immunohistochemistry: mtTFA Antibody (4H2M9) [mtTFA] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using mtTFA Rabbit mAb at a dilution of 1:1000 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry: mtTFA Antibody (4H2M9) [mtTFA] - 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.



Immunocytochemistry/ Immunofluorescence: mtTFA Antibody (4H2M9) [mtTFA] - 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.



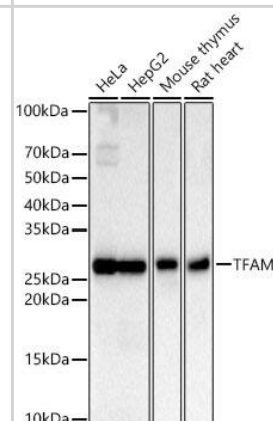
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Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

Exposure time: 30s.





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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
NBP1-50977-0.01mg	Recombinant Human mtTFA His Protein

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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