

Product Datasheet

TEFM Antibody NBP1-82109

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-82109**TEFM 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	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

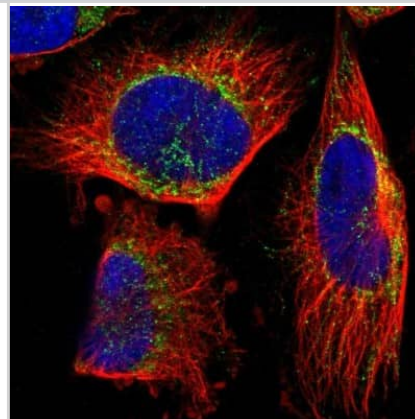
Host	Rabbit
Gene ID	79736
Gene Symbol	TEFM
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 25690892).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: RRSINIVEHRENFGPFQNLLESLMNVPLFKYKSTVQVCNSILCPKTGREKRKSPE NRFLRKLLKPDIERERLKA VNSIISIV

Product Application Details

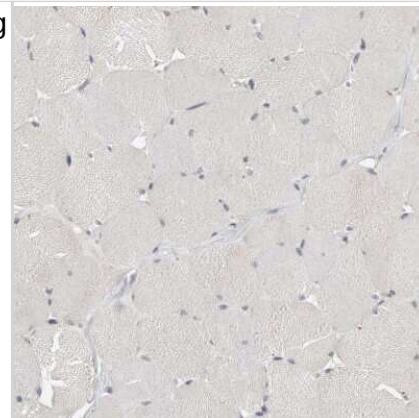
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

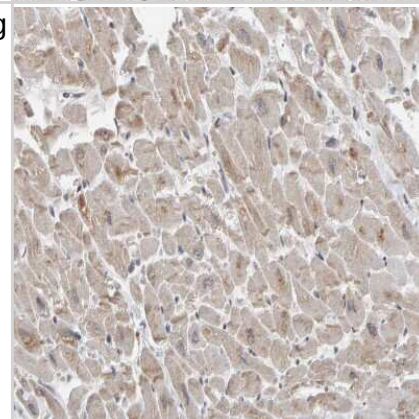
Immunocytochemistry/Immunofluorescence: TEFM Antibody [NBP1-82109] - Staining of human cell line U-251 MG shows localization to mitochondria. Antibody staining is shown in green.



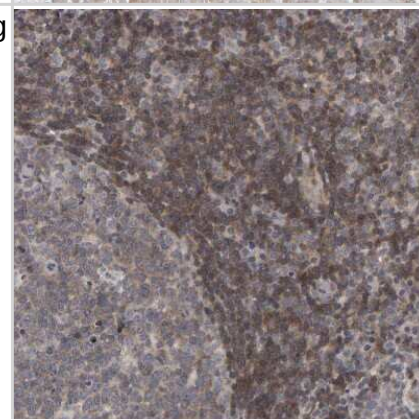
Immunohistochemistry-Paraffin: TEFM Antibody [NBP1-82109] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



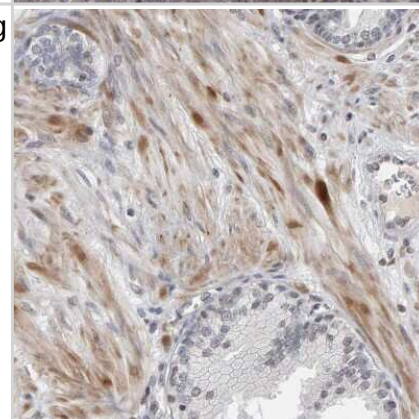
Immunohistochemistry-Paraffin: TEFM Antibody [NBP1-82109] - Staining of human heart muscle shows weak cytoplasmic/membranous positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: TEFM Antibody [NBP1-82109] - Staining of human lymphoid tissues shows strong cytoplasmic positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: TEFM Antibody [NBP1-82109] - Staining of human prostate shows weak to moderate cytoplasmic positivity in smooth muscle cells.



Publications

Posse V, Shahzad S, Falkenberg M et al. TEFM is a potent stimulator of mitochondrial transcription elongation in vitro. Nucleic Acids Res 2015-03-11 [PMID: 25690892] (WB, Human)



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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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