

# Product Datasheet

## MEF2D Antibody - BSA Free NBP1-85795

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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**NBP1-85795**

MEF2D Antibody - 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	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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

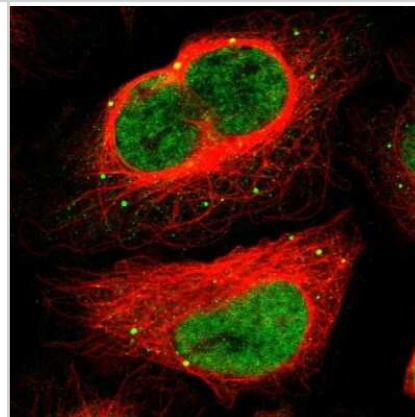
Product Description	
Description	Novus Biologicals Rabbit MEF2D Antibody - BSA Free (NBP1-85795) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4209
Gene Symbol	MEF2D
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VPVSNQSSLQFSNPSGSLVTPSLVTSSLTDPRLLSPPQPALQRNSVSPGLPQR PASAGAMLGGDLNSANGACSPVGNQYVSARASPGLLPVANGNSLNKVIPAK SPPPPPTHSTQLGAPSRKPDLRVITSQAG

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

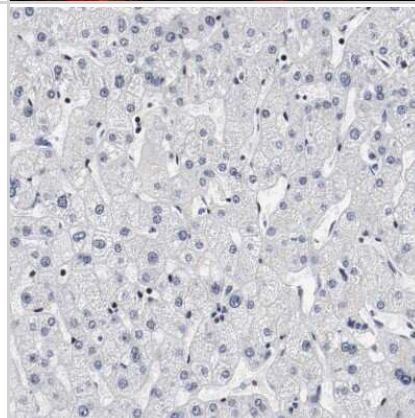


## Images

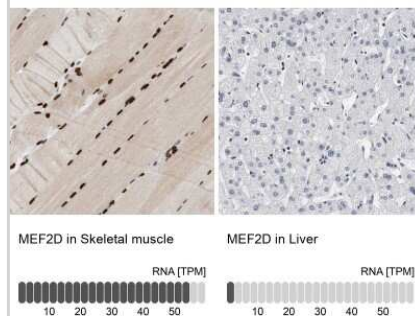
Immunocytochemistry/Immunofluorescence: MEF2D Antibody [NBP1-85795] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm & vesicles.



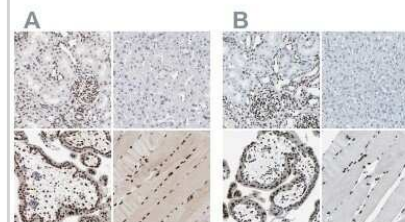
Immunohistochemistry-Paraffin: MEF2D Antibody [NBP1-85795] - Staining of human liver shows no positivity in hepatocytes as expected.



Immunohistochemistry-Paraffin: MEF2D Antibody [NBP1-85795] - Analysis in human skeletal muscle and liver tissues. Corresponding MEF2D RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: MEF2D Antibody [NBP1-85795] - Staining of human kidney, liver, placenta and skeletal muscle using Anti-MEF2D antibody NBP1-85795 (A) shows similar protein distribution across tissues to independent antibody NBP1-85788 (B).



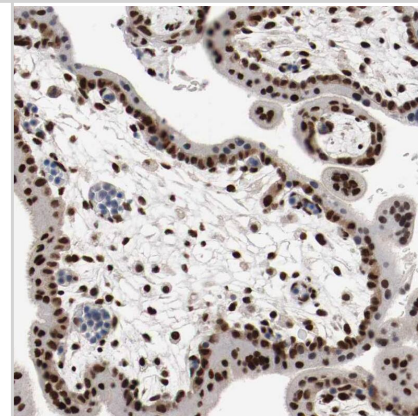
Immunohistochemistry-Paraffin: MEF2D Antibody [NBP1-85795] - Staining of human kidney shows strong nuclear positivity in cells in glomeruli.



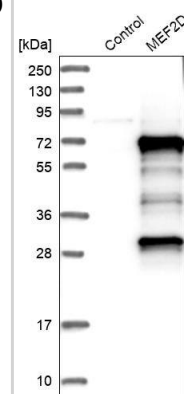
Staining of human skeletal muscle shows strong nuclear positivity in myocytes.



Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



Analysis in control (vector only transfected HEK293T lysate) and MEF2D over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).





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### **Products Related to NBP1-85795**

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NBP1-85795PEP	MEF2D Recombinant Protein Antigen
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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