

Product Datasheet

MEF2D Antibody - BSA Free NBP1-85788

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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NBP1-85788

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

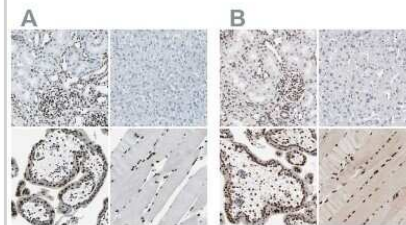
Product Description	
Description	Novus Biologicals Rabbit MEF2D Antibody - BSA Free (NBP1-85788) is a polyclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4209
Gene Symbol	MEF2D
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QPQPPQQPPQPQQPQPQQPQQPPQQSHLVPVLSNLIPGSPLPHVG AALTVTTHPHISIKSEPVSPSRERSPAPPPPAVFPAARPEPGDGLSSPAGGSYE TGDRDDGRGDFGPTLGLLRPAPEPEAEGS AVKRMRLDTWTL

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:50 - 1:1000, ELISA Reactivity form a verified customer review., Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. Com/resources/simple-western-antibody-database?term=NBP1-85788">Simple Western Antibody Database for Simple Western validation: Mouse Brain lysate as sample; separated by size; antibody dilution of 1:50 - 1:1000; matrix was 12-230 kDa; detected by Chemiluminescence.

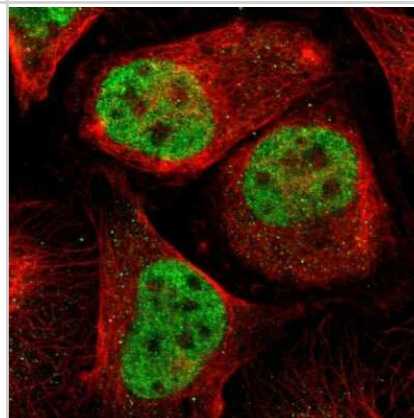


Images

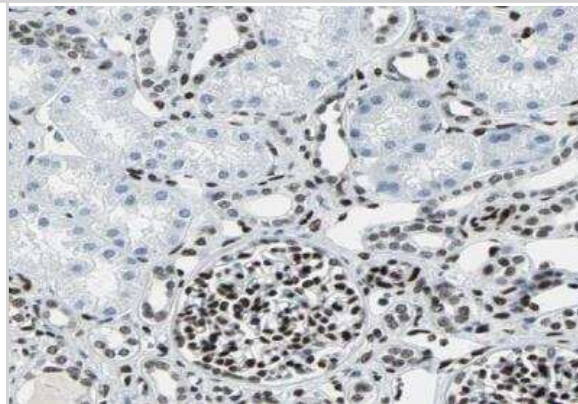
Immunohistochemistry-Paraffin: MEF2D Antibody [NBP1-85788] - Staining of human kidney, liver, placenta and skeletal muscle using Anti-MEF2D antibody NBP1-85788 (A) shows similar protein distribution across tissues to independent antibody NBP1-85795 (B).



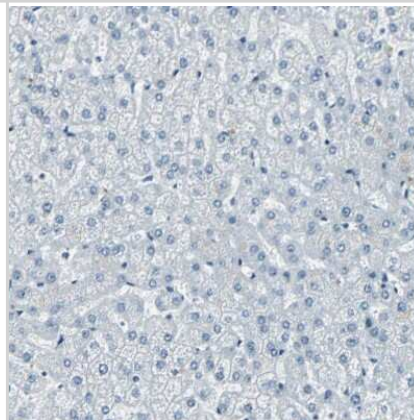
Immunocytochemistry/Immunofluorescence: MEF2D Antibody [NBP1-85788] - Immunofluorescent staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: MEF2D Antibody [NBP1-85788] - Staining of human kidney shows strong nuclear positivity in cells in glomeruli.



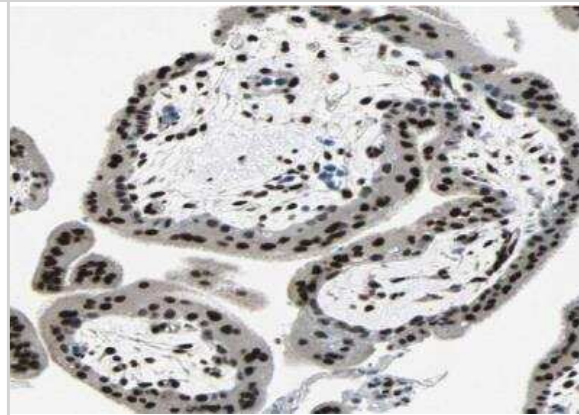
Immunohistochemistry-Paraffin: MEF2D Antibody [NBP1-85788] - Staining of human liver shows no positivity in hepatocytes as expected.



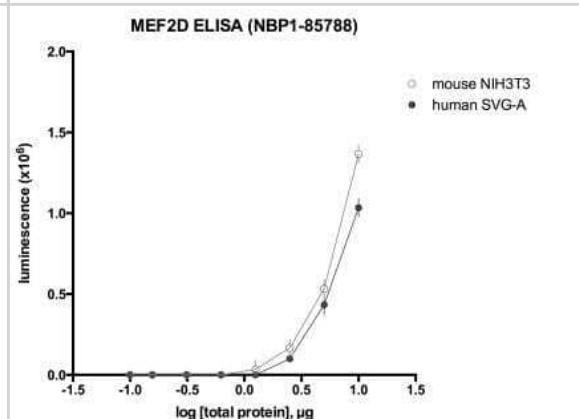
Immunohistochemistry-Paraffin: MEF2D Antibody [NBP1-85788] - Staining of human skeletal muscle shows strong nuclear positivity in myocytes.



Immunohistochemistry-Paraffin: MEF2D Antibody [NBP1-85788] - Staining of human placenta shows strong nuclear positivity in trophoblastic cells.



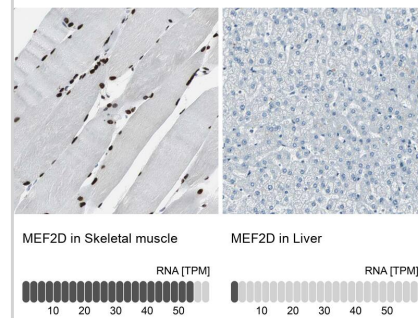
ELISA: MEF2D Antibody [NBP1-85788] - Lysates from NIH3T3 and SVG-A cells assessed by ELISA, loading the indicated mass of total protein per well. Antibody was diluted 1:250, and used in conjunction with an HRP-conjugated secondary antibody. Signal was detected by luminescence. Image from verified customer review.



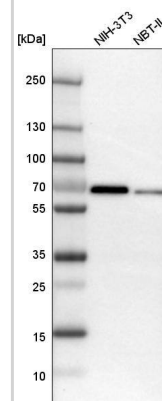
Analysis in human cell line THP-1.



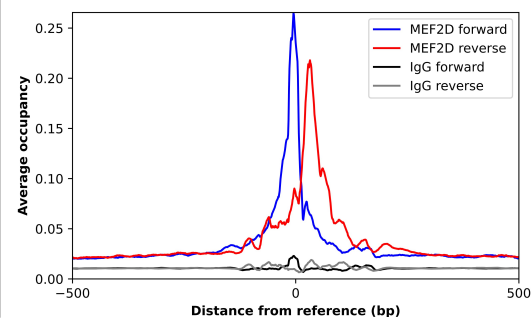
Immunohistochemistry analysis in human skeletal muscle and liver tissues using HPA007114 antibody. Corresponding MEF2D RNA-seq data are presented for the same tissues.



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



ChIP-Exo-Seq composite graph for Anti-MEF2D (NBP1-85788) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.





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Products Related to NBP1-85788

NBP1-85788PEP	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

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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