

Product Datasheet

MEF2C Antibody - BSA Free NBP1-89468

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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NBP1-89468

MEF2C Antibody - BSA Free

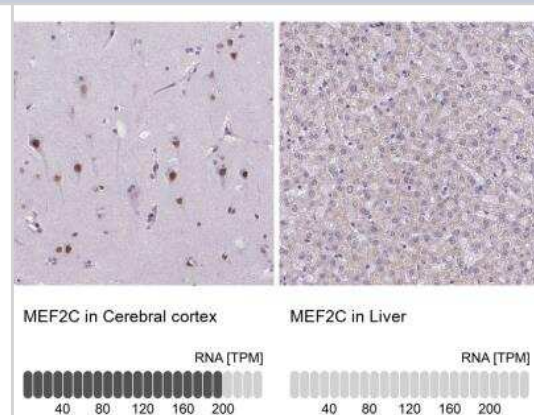
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	4208
Gene Symbol	MEF2C
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PPNFEMPVSIPVSSHNSLVYSNPVSSLGNPNLLPLAHPQLQRNSMSPGVTHRP PSAGNTGGLMGGDLTSGAGTSAGNGYGNPRNSPGLLVSPGNLKNMKAQKSP PPMNLGMNRRKPDRLVLIIPPGSKNTMPSVNQRINN

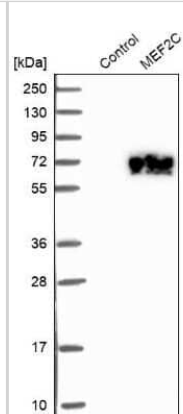
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 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

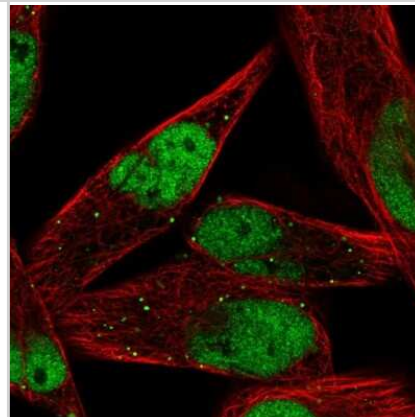
Immunohistochemistry-Paraffin: MEF2C Antibody [NBP1-89468] - Analysis of human cerebral cortex and liver tissues. Corresponding MEF2C RNA-seq data are presented for the same tissues.



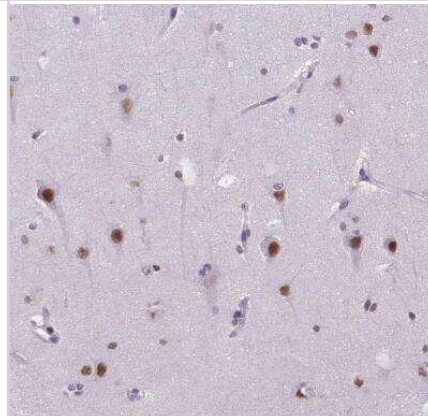
Western Blot: MEF2C Antibody [NBP1-89468] - Analysis in control (vector only transfected HEK293T lysate) and MEF2C over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



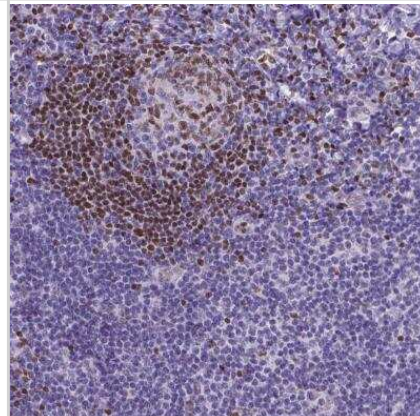
Immunocytochemistry/Immunofluorescence: MEF2C Antibody [NBP1-89468] - Staining of human cell line RH-30 shows localization to nucleoplasm & vesicles. Antibody staining is shown in green.



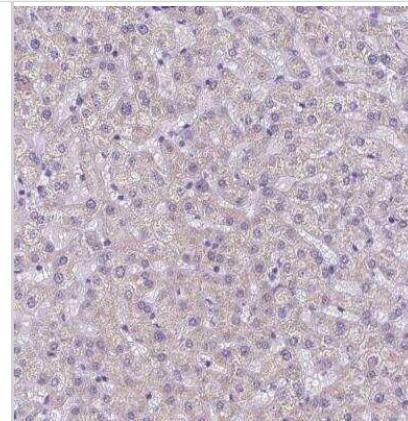
Immunohistochemistry-Paraffin: MEF2C Antibody [NBP1-89468] - Staining of human cerebral cortex shows strong nuclear positivity in neurons.



Immunohistochemistry-Paraffin: MEF2C Antibody [NBP1-89468] - Staining of human tonsil shows moderate nuclear positivity in germinal center cells.



Immunohistochemistry-Paraffin: MEF2C Antibody [NBP1-89468] - Staining of human liver shows no positivity in hepatocytes as expected.



Publications

Lockhart MM, Wirrig EE, Phelps AL et al. Mef2c Regulates Transcription of the Extracellular Matrix Protein Cartilage Link Protein 1 in the Developing Murine Heart. PLoS One 2013-01-01 [PMID: 23468913]

Clark CD, Zhang B, Lee B et al. Evolutionary Conservation of Nkx2.5 Autoregulation in the Second Heart Field. Dev Biol 2013-02-01 [PMID: 23165293]

Yelamanchili SV, Chaudhuri AD, Chen LN et al. MicroRNA-21 dysregulates the expression of MEF2C in neurons in monkey and human SIV/HIV neurological disease. Cell Death Dis 2010-01-01 [PMID: 21170291]

Wirrig EE, Hinton RB, Yutzey KE. Differential expression of cartilage and bone-related proteins in pediatric and adult diseased aortic valves. J Mol Cell Cardiol 2011-03-01 [PMID: 21163264]



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Products Related to NBP1-89468

NBP1-89468PEP	MEF2C Recombinant Protein Antigen
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

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