

MEF2D Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11710a**Specification**

MEF2D Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q14814](#)

MEF2D Antibody (N-term) Blocking peptide - Additional Information

Gene ID 4209

Other Names

Myocyte-specific enhancer factor 2D, MEF2D

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MEF2D Antibody (N-term) Blocking peptide - Protein Information

Name MEF2D

Function

Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT](4)TAR-3', found in numerous muscle-specific, growth factor- and stress-induced genes. Mediates cellular functions not only in skeletal and cardiac muscle development, but also in neuronal differentiation and survival. Plays diverse roles in the control of cell growth, survival and apoptosis via p38 MAPK signaling in muscle-specific and/or growth factor-related transcription. Plays a critical role in the regulation of neuronal apoptosis (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00251, ECO:0000269|PubMed:12691662, ECO:0000269|PubMed:15743823} Note=Translocated by HDAC4 to nuclear dots

MEF2D Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

MEF2D Antibody (N-term) Blocking peptide - Images**MEF2D Antibody (N-term) Blocking peptide - Background**

FAM102A may play a role in estrogen action.

MEF2D Antibody (N-term) Blocking peptide - References

Humphray, S.J., et al. Nature 429(6990):369-374(2004)Wang, D.Y., et al. Mol. Endocrinol. 18(2):402-411(2004)