

MEF-2D (phospho Ser444) Polyclonal Antibody
Catalog # AP67097**Specification**

MEF-2D (phospho Ser444) Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q14814
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

MEF-2D (phospho Ser444) Polyclonal Antibody - Additional Information**Gene ID** 4209**Other Names**

MEF2D; Myocyte-specific enhancer factor 2D

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

MEF-2D (phospho Ser444) Polyclonal Antibody - 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

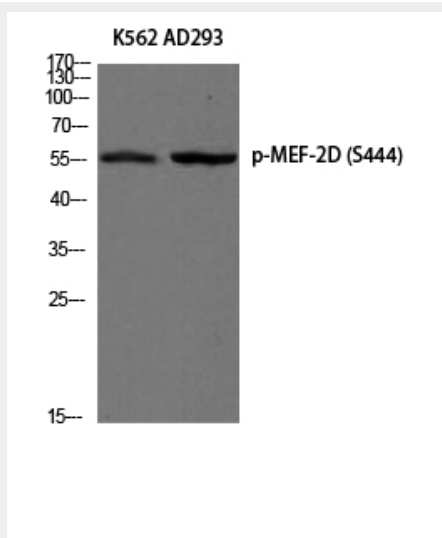
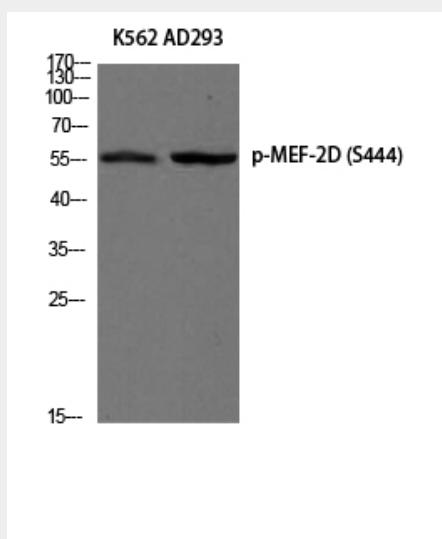
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00251, ECO:0000269|PubMed:12691662, ECO:0000269|PubMed:15743823} Note=Translocated by HDAC4 to nuclear dots

MEF-2D (phospho Ser444) Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MEF-2D (phospho Ser444) Polyclonal Antibody - Images



MEF-2D (phospho Ser444) Polyclonal Antibody - Background

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