

MEF-2 (phospho Thr319) Polyclonal Antibody

Cat #: ABP50355

Size: 30μl /100μl /200μl

Product Information

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| | Product Name: MEF-2 (phospho Thr319) Polyclonal Antibody | | |
| | Applications: WB, IHC-P, ELISA | | Isotype: Rabbit IgG |
| | Reactivity: Human, Mouse, Rat | | |
| REF | Catalog Number: ABP50355 | LOT | Lot Number: Refer to product label |
| | Formulation: Liquid | | Concentration: 1 mg/ml |
|  | Storage: Store at -20°C. Avoid repeated freeze / thaw cycles. |  | Note: Contain sodium azide. |

Background: Myocyte enhancer factor 2A encoded by MEF2A is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. Myocyte enhancer factor 2A can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in MEF2A could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1). Several transcript variants encoding different isoforms have been found for MEF2A.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IHC-P (1:100-1:300), ELISA (1:20000). Not yet tested in other applications.

Storage Buffer: PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

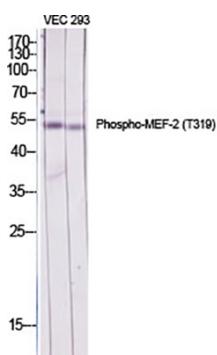


Fig.1. Western Blot analysis of various cells using Phospho-MEF-2 (T319) Polyclonal Antibody diluted at 1:2000.

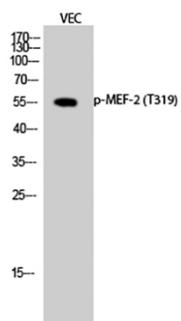


Fig.2. Western Blot analysis of VEC cells using Phospho-
MEF-2 (T319) Polyclonal Antibody diluted at 1:2000.

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