

## MEF-2 (phospho Thr312) Polyclonal Antibody

Catalog No: #13720



Package Size: #13720-1 50ul #13720-2 100ul

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## Description

Product Name	MEF-2 (phospho Thr312) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),IP,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-MEF-2 (T312) Polyclonal Antibody detects endogenous levels of MEF-2 protein only when phosphorylated at T312.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human MEF2A around the phosphorylation site of Thr312. AA range:279-328
Other Names	MEF2A; MEF2; Myocyte-specific enhancer factor 2A; Serum response factor-like protein 1
Accession No.	Swiss Prot:Q02078GeneID:4205
Uniprot	Q02078
GeneID	4205
Calculated MW	54kd
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunoprecipitation: 2-5 ug/mg lysate. ELISA: 1/20000. Not yet tested in other applications.

## Background

myocyte enhancer factor 2A(MEF2A) Homo sapiens The protein encoded by this gene is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein 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 this gene 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 this gene.[provided by RefSeq, Jan 2010],

Note: This product is for in vitro research use only