

Anti-Phospho-MEF2A (Thr312) Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 54 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications

Application:	ELISA,IF,IHC-P,IP,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; IP: 2-5 µg:mg lysate; ELISA: 1:20000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized phosphopeptide: human MEF2A around the phosphorylation site of Thr312. AA range:279-328
Antigen Species:	Human
Uniprot ID:	Q02078
Synonyms:	MEF2A (p-T312);p-MEF2A (T312);MEF2A (p-Thr312);p-MEF2A (Thr312)

Research 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],

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