

Datasheet for ABIN7454560
anti-MEF2A antibody (AA 175-225)



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Overview

Quantity:	100 µg
Target:	MEF2A
Binding Specificity:	AA 175-225
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEF2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-MEF2A Antibody, Affinity Purified
Immunogen:	between AA 175 and 225
Isotype:	IgG
Predicted Reactivity:	Chicken,Orangutan
Purification:	Affinity Purified

Target Details

Target:	MEF2A
Alternative Name:	MEF2A (MEF2A Products)

Target Details

Background:	Background: Myocyte enhancer factor 2A (MEF2A) 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) [taken from NCBI Entrez Gene (Gene ID: 4205)].
Gene ID:	4205
UniProt:	Q02078
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Carbohydrate Homeostasis , Chromatin Binding , Regulation of Muscle Cell Differentiation , Toll-Like Receptors Cascades

Application Details

Application Notes:	IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: Not recommended WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months