Datasheet for ABIN197164

anti-MEF2A antibody (Thr312)

2 Images

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Overview

Quantity:	0.1 mL
Target:	MEF2A
Binding Specificity:	Thr312
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEF2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	The antiserum was produced against synthesized non-phosphopeptide derived from human MEF2A around the phosphorylation site of threonine 312 (L-A-TP-P-V).
Specificity:	MEF2A antibody detects endogenous levels of total MEF2A protein.
Purification:	Affinity-chromatography using epitope-specific immunogen

Target Details

Target:	MEF2A
Alternative Name:	MEF2A (MEF2A Products)
Background:	MEF2A (myocyte specific enhancer factor 2) belongs to a family of DNA binding regulatory proteins. The MEF2 family of transcription factors is highly expressed in the brain when neurons undergo dendritic maturation and synapse formation. MEF2A is especially abundant in

Target Details

	granule neurons of the cerebellar cortex throughout the period of synaptogenesis. MEF2A also has key roles in cardiac and skeletal muscle development.Synonyms: MEF2, Myocyte-specific enhancer factor 2A, Serum response factor-like protein 1
Gene ID:	4205
NCBI Accession:	NP_001124398
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:	Western Blot: 1: 500approx. 1: 1000. Immunohistochemistry: 1: 50approx. 1: 100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS(without Mg2+ and Ca2+), pH 7.4 containing 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C

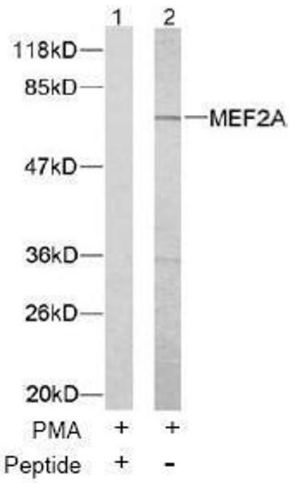

Image 1.

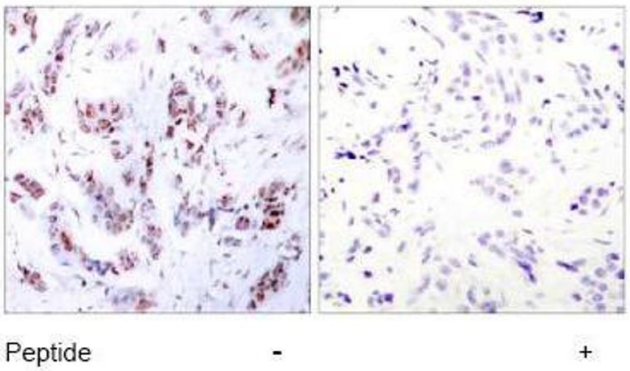

Image 2.