

Datasheet for ABIN7299348
anti-MEF2A antibody (pSer319)



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2 Images

Overview

Quantity:	100 µL
Target:	MEF2A
Binding Specificity:	pSer319
Reactivity:	Human, Mouse, Rat, Cow, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEF2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MEF2A.
Specificity:	Recognizes endogenous levels of MEF2A (pT319) protein.
Characteristics:	Rabbit polyclonal antibody to MEF2A (pT319)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	MEF2A
Alternative Name:	MEF2A (MEF2A Products)
Background:	MEF2, Myocyte-specific enhancer factor 2A, Serum response factor-like protein 1

Target Details

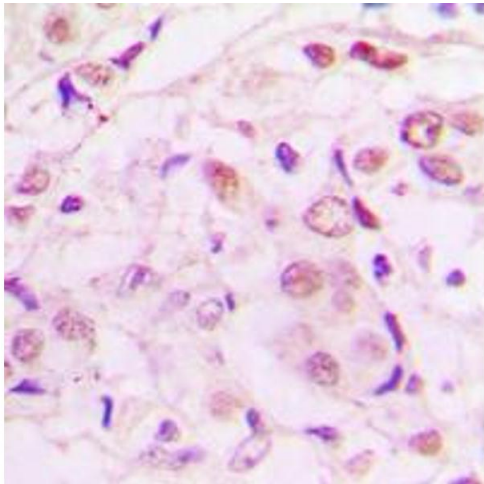
Gene ID:	4205, 17258, 309957
UniProt:	Q02078 , Q60929 , Q2MJT0
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Carbohydrate Homeostasis , Chromatin Binding , Regulation of Muscle Cell Differentiation , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

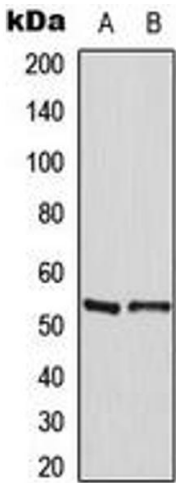
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Immunohistochemical analysis of MEF2A (pT319) staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western Blotting

Image 2. Western blot analysis of MEF2A (pT319) expression in HeLa (A), mouse liver (B) whole cell lysates.