Datasheet for ABIN6254109

anti-MEF2C antibody (pSer222)

1 Image | 1 Publication

Go to Product page

Overview

Quantity:	100 µL
Target:	MEF2C
Binding Specificity:	pSer222
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEF2C antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser222 conjugated to KLH
Cross-Reactivity:	Human
Predicted Reactivity:	bovine, chicken, guinea pig, mouse, non-human primate, rat, sheep
Purification:	Antigen Affinity Purified from Pooled Serum

Target Details

Target:	MEF2C
Alternative Name:	MEF2C (MEF2C Products)
Molecular Weight:	'51 kDa

Target Details

Gene ID:	4208
UniProt:	Q06413
Pathways:	Neurotrophin Signaling Pathway, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Carbohydrate Homeostasis, Chromatin Binding, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development, Toll-Like Receptors Cascades, BCR Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

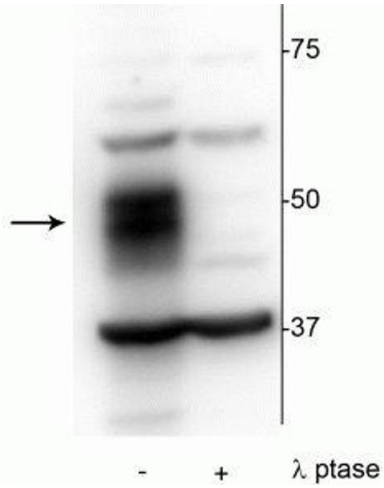
Handling

Buffer:	100 µL in 10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50 % glycerol.
Storage:	-20 °C

Publications

Product cited in:	Brown, Still, Koche, Yim, Takao, Cifani, Reed, Gunasekera, Ficarro, Romanienko, Mark, McCarthy, de Stanchina, Gonen, Seshan, Bhola, ODonnell, Spitzer, Stutzke, Lavallée, Hébert, Krivtsov, Melnick et al.: "MEF2C Phosphorylation Is Required for Chemotherapy Resistance in Acute Myeloid Leukemia. ..." in: **Cancer discovery**, Vol. 8, Issue 4, pp. 478-497, (2019) (PubMed).

Images



Western Blotting

Image 1. Western blot of OCIAML2 lysate showing specific immunolabeling of the ~51 kDa MEF2C phosphorylated at Ser222 in the first lane (-). Phosphospecificity is shown in the second lane (+) where the immunolabeling is completely eliminated by blot treatment with lambda phosphatase ((λ-Ptase, 1200 units for 30 minutes).