

Datasheet for ABIN2779988
anti-MEF2A antibody (N-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	MEF2A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Horse, Guinea Pig, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEF2A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of mouse MEF2A
Sequence:	ESRTNSDIVE TLRKKGLNGC ESPDADDYFE HSPLSEDRFS KLNEDSDFIF
Predicted Reactivity:	Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against MEF2A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	MEF2A
Alternative Name:	MEF2A (MEF2A Products)

Target Details

Background:	MEF2a belongs to MEF2 family. Members of MEF2 family of transcription factors bind a conserved A/T-rich sequence in the control regions of numerous muscle-specific genes Alias Symbols: A430079H05Rik Protein Interaction Partner: Hdac4, Hdac5, Smad2, Protein Size: 498
Molecular Weight:	55 kDa
Gene ID:	17258
NCBI Accession:	NM_013597 , NP_038625
UniProt:	Q6P8Q3
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:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 498 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

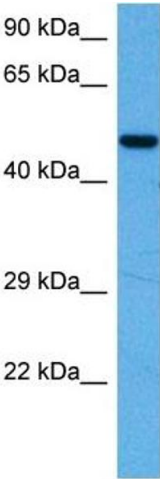
Image 1. WB Suggested Anti-MEF2A Antibody Titration: 2.5ug/ml ELISA Titer: 1:1562500 Positive Control: NIH/3T3 cell lysate



Host: Rabbit
Target Name: Mef2A
Sample Type: Mouse Heart Lysate
Antibody Dilution: 1.0µg/ml

Western Blotting

Image 2. Host: Mouse Target Name: MEF2A Sample Tissue: Mouse Heart Antibody Dilution: 1ug/ml



Western Blotting

Image 3. Host: Rabbit Target Name: MEF2A Sample Tissue: Mouse Heart Antibody Dilution: 1ug/ml