

Datasheet for ABIN710518

**anti-MEF2D antibody (pSer444) (Biotin)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	MEF2D
Binding Specificity:	pSer444
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MEF2D antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human MEF2D around the phosphorylation site of Ser444
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	MEF2D
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## Target Details

Alternative Name:	MEF2D ( <a href="#">MEF2D Products</a> )
Background:	<p>Synonyms: MEF2Dphospho S444, DKFZp686I1536, MADS box transcription factor 2 polypeptide D, Mef2d, MEF2D_HUMAN, myocyte enhancer factor 2D, Myocyte specic enhancer factor 2, polypeptide D, Myocyte specic enhancer factor 2D, myocyte-specific enhancer factor 2D.</p> <p>Background: MEF2D is a member of the myocyte-specific enhancer factor 2 (MEF2) family of transcription factors. Members of this family are involved in control of muscle and neuronal cell differentiation and development, and are regulated by class II histone deacetylases. Fusions of the encoded protein with Deleted in Azoospermia-Associated Protein 1 (DAZAP1) due to a translocation have been found in an acute lymphoblastic leukemia cell line, suggesting a role in leukemogenesis. The encoded protein may also be involved in Parkinson disease and myotonic dystrophy. Alternative splicing results in multiple transcript variants.</p>
Gene ID:	4209

## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months