

## Product datasheet for TA302223

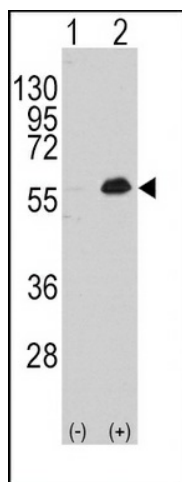
### MEF2C Rabbit Polyclonal Antibody

#### Product data:

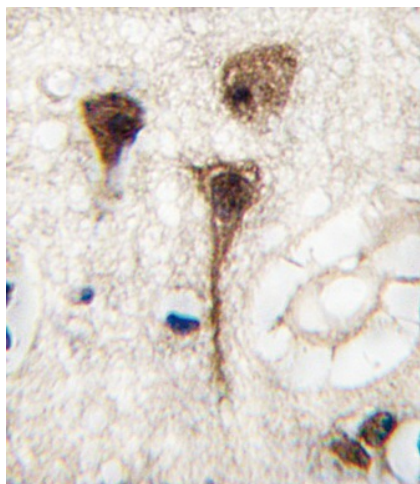
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1:1000, IHC: 1:10~50
Reactivity:	Human (Predicted: Bovine, Mouse, Pig)
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This MEF2C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 278-307 amino acids from human MEF2C.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	51090 Da
Gene Name:	myocyte enhancer factor 2C
Database Link:	<a href="#">NP_002388</a> <a href="#">Entrez Gene 17260 Mouse</a> <a href="#">Entrez Gene 4208 Human</a> <a href="#">Q06413</a>
Background:	MEF2C is a transcription activator which binds specifically to the MEF2 element present in the regulatory regions of many muscle-specific genes. This protein controls cardiac morphogenesis and myogenesis, and is also involved in vascular development. It may also be involved in neurogenesis and in the development of cortical architecture.
Synonyms:	C5DELq14.3; DEL5q14.3
Protein Families:	Transcription Factors
Protein Pathways:	MAPK signaling pathway



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**Product images:**

Western blot analysis of MEF2C (arrow) using rabbit polyclonal MEF2C Antibody (T300) ([RB11009]). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the MEF2C gene (Lane 2) (Origene Technologies).



Formalin-fixed and paraffin-embedded human brain tissue reacted with MEF2C Antibody (T300), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.