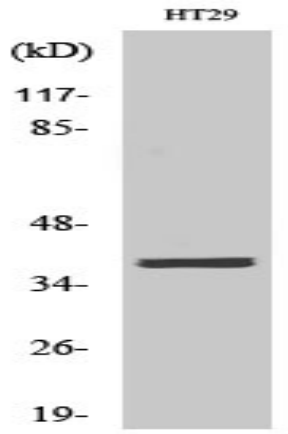
Immunoway
Best Tools for immunology Research

MEF-2B Polyclonal Antibody

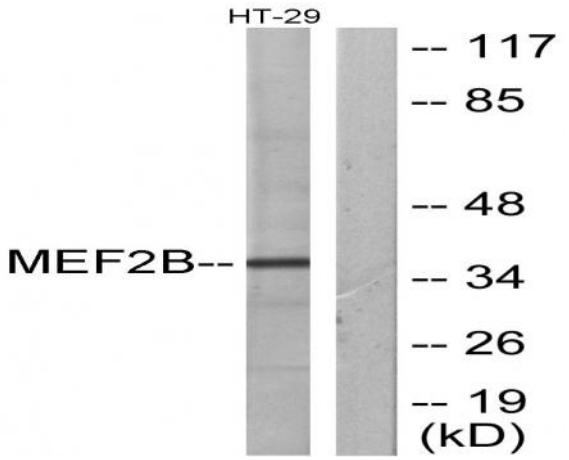
Catalog No :	YT2701
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	MEF-2
Fields :	>>cGMP-PKG signaling pathway;>>Apelin signaling pathway
Gene Name :	MEF2B
Protein Name :	Myocyte-specific enhancer factor 2B
Human Gene Id :	4207
Human Swiss Prot No :	Q02080
Mouse Swiss Prot No :	O55087
Immunogen :	The antiserum was produced against synthesized peptide derived from human MEF2B. AA range:51-100
Specificity :	MEF-2B Polyclonal Antibody detects endogenous levels of MEF-2B protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band :	38kD
Cell Pathway :	AMPK; Protein_Acetylation
Background :	This gene represents numerous read-through transcripts that span GeneID:729991 and 100271849. Many read-through transcripts are predicted to be nonsense-mediated decay (NMD) candidates, and are thought to be non-coding. Some transcripts are predicted to be capable of translation reinitiation at a downstream AUG, resulting in expression of at least one isoform of myocyte enhancer factor 2B (MEF2B) from this read-through locus. At least one additional MEF2B variant and isoform can be expressed from a downstream promoter, and is annotated on GeneID:100271849. [provided by RefSeq, Oct 2010],
Function :	function:Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT](4)TAR-3', found in numerous muscle-specific genes. Activates transcription via this element. May be involved in muscle-specific and/or growth factor-related transcription.,similarity:Belongs to the MEF2 family.,similarity:Contains 1 MADS-box domain.,similarity:Contains 1 Mef2-type DNA-binding domain.,subunit:Interacts with HDAC7 (By similarity). Heterodimer. Interacts with HDAC9.,tissue specificity:Expressed in skeletal and cardiac muscle and brain.,
Subcellular Location :	Nucleus.
Expression :	Expressed in skeletal and cardiac muscle and brain.
Sort :	9514
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

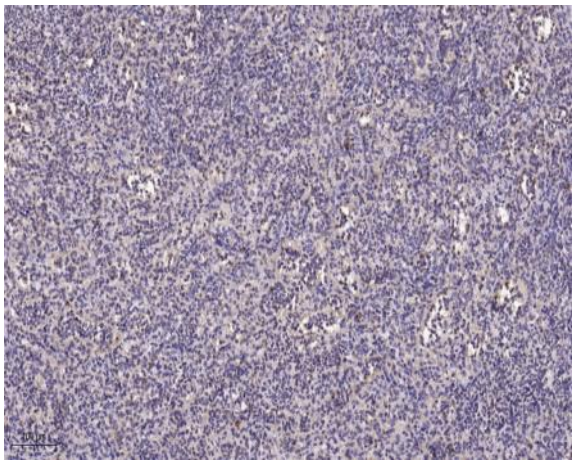
Products Images



Western Blot analysis of various cells using MEF-2B Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Western blot analysis of lysates from HT-29 cells, using MEF2B Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human spleen. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).