



MEF-2B Polyclonal Antibody

Catalog No	YP-Ab-01865
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	MEF2B
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MEF-2;MEF2B;Myocyte-specific enhancer factor 2B;XMEF2;RSRFR2;Serum response factor-like protein 2
Observed Band	38kD
Calculated Molecular Weight	38kD
Cell Pathway	Nucleus.
Tissue Specificity	Expressed in skeletal and cardiac muscle and brain.
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.,

**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],

matters needing attention

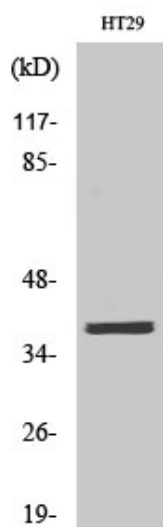
Avoid repeated freezing and thawing!

Usage suggestions

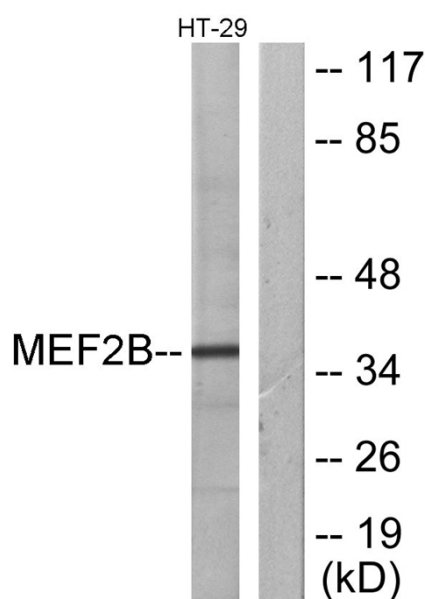
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



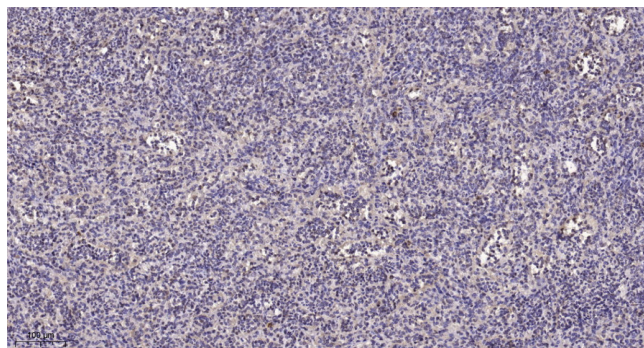
Products Images



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, pH 9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200 (4° overnight). 3, Secondary antibody was diluted at 1:200 (room temperature, 45 min).