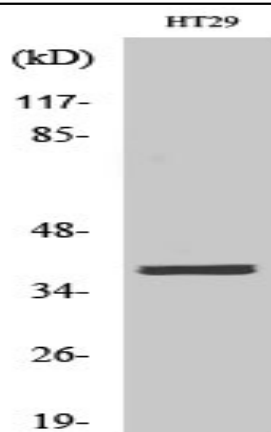


MEF-2B Polyclonal Antibody

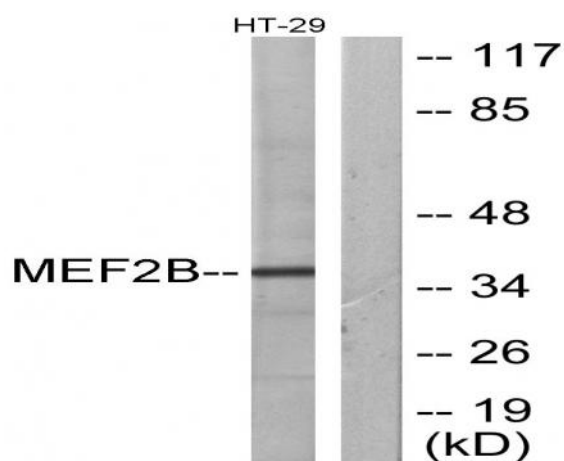
| | |
|------------------------------|---|
| Catalog No : | YT2701 |
| Reactivity : | Human;Mouse |
| Applications : | WB;IHC;IF;ELISA |
| Target : | MEF-2 |
| Fields : | >>cGMP-PKG signaling pathway;>>Apelin signaling pathway |
| Gene Name : | MEF2B |
| Protein Name : | Myocyte-specific enhancer factor 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 : | <p>This gene represents numerous read-through transcripts that span GenelD: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 GenelD:100271849. [provided by RefSeq, Oct 2010],</p> |
| Function : | <p>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.,</p> |
| Subcellular Location : | Nucleus. |
| Expression : | Expressed in skeletal and cardiac muscle and brain. |
| Sort : | 9514 |
| No4 : | 1 |
| Host : | Rabbit |
| Modifications : | Unmodified |

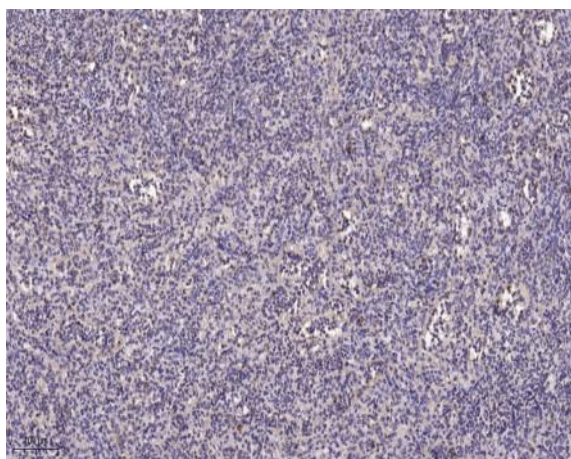
Products Images



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).