

Myf-5 Polyclonal Antibody

Description

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|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP05685 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human MYF5. AA range:61-110 |
| Mol wt | 28381 |
| Species reactivity | Human, Mouse |
| Clonality | Polyclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | Myf-5 Antibody |
| Synonyms | MYF5; BHLHC2; Myogenic factor 5; Myf-5; Class C basic helix-loop-helix protein 2; BHLHc2 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

MYF5 is a Protein Coding gene. Myogenic Factor 5 acts as a transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation. Together with MYOG and MYOD1, co-occupies muscle-specific gene promoter core region during myogenesis. Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein. Diseases associated with MYF5 include skeletal muscle cancer and botryoid rhabdomyosarcoma. Among its related pathways are Developmental Biology and CDO in myogenesis. Gene Ontology (GO) annotations related to this gene include sequence-specific DNA binding and RNA polymerase II core promoter proximal region sequence-specific DNA binding. An important paralog of this gene is MYOD1.

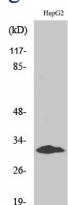
Recommended Dilution

WB: 1: 500 - 1: 2000

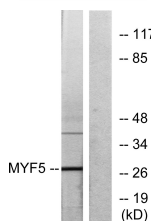
ELISA: 1: 40000

Not yet tested in other applications.

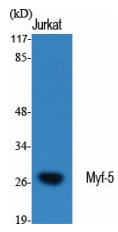
Images



Western Blot analysis of HepG2 cells using Myf-5 Polyclonal Antibody cells nucleus.



Western blot analysis of lysates from HepG2 cells, using MYF5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Myf-5 Polyclonal Antibody cells nucleus.

Storage

-20°C for one year

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