
Product Name: Myf-5 (phospho Ser49) Rabbit Polyclonal Antibody**Catalog #: APRab05052**

For research use only.

Summary

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|----------------------|---------------------------------------------------------------------------------------------------|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,ELISA |
| Reactivity | Human,Mouse |
| Conjugation | Unconjugated |
| Modification | Phosphorylated |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|------------------------------------------------------------------------|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000 |
| Molecular Weight | 38kDa |

Antigen Information

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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name | MYF5 |
| Alternative Names | MYF5; BHLHC2; Myogenic factor 5; Myf-5; Class C basic helix-loop-helix protein 2; bHLHc2 |
| Gene ID | 4617.0 |
| SwissProt ID | P13349 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human Myogenic Factor 5 around the phosphorylation site of Ser49. AA range:21-70 |

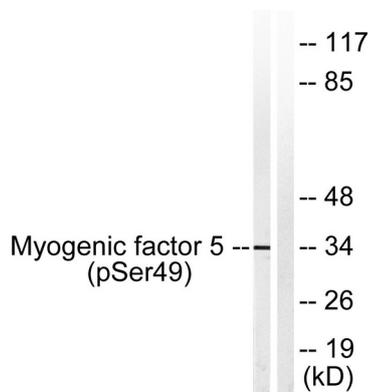
Background

function:Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable

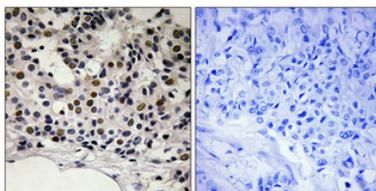
sequence specific DNA-binding protein.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein.,function:Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,subunit:Efficient DNA binding requires dimerization with another bHLH protein.,

Research Area

Image Data



Western blot analysis of lysates from HeLa cells, using Myogenic Factor 5 (Phospho-Ser49) Antibody. The lane on the right is blocked with the phospho peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.