

Myf-5 (Phospho Ser49) Rabbit pAb

CatalogNo: YP0395

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 38kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:10000

IF 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human Myogenic Factor 5 around the phosphorylation site of Ser49. AA range:21-70

Specificity

Phospho-Myf-5 (S49) Polyclonal Antibody detects endogenous levels of Myf-5 protein only when phosphorylated at S49. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):QGSD

Target Information

Gene name MYF5

Protein Name Myogenic factor 5

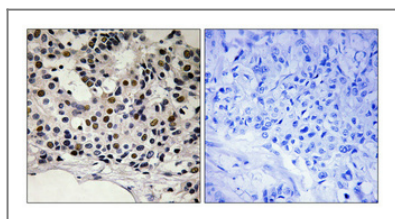
Organism	Gene ID	UniProt ID
Human	4617;	P13349;
Mouse	17877;	P24699;

Cellular Localization Nucleus .

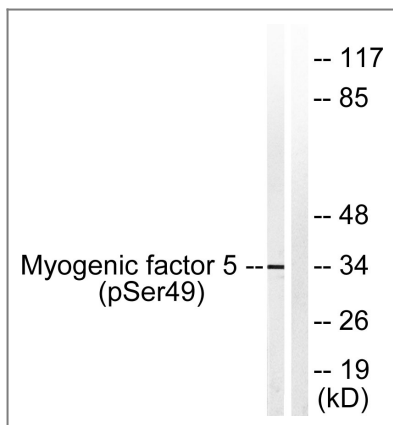
Tissue specificity Skeletal muscle ,

Function 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. ,

Validation Data



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°C overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.



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.

Contact information

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Please scan the QR code to access additional product information:
Myf-5 (Phospho Ser49) Rabbit pAb

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