

Myf-5 (phospho Ser49) Polyclonal Antibody
Catalog # AP67327**Specification**

Myf-5 (phospho Ser49) Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P13349
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

Myf-5 (phospho Ser49) Polyclonal Antibody - Additional Information**Gene ID** 4617**Other Names**

MYF5; BHLHC2; Myogenic factor 5; Myf-5; Class C basic helix-loop-helix protein 2; bHLHc2

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Myf-5 (phospho Ser49) Polyclonal Antibody - Protein Information**Name** MYF5**Synonyms** BHLHC2**Function**

Transcriptional activator that promotes transcription of muscle-specific target genes and plays a role in muscle differentiation (PubMed:29887215). 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.

Cellular Location

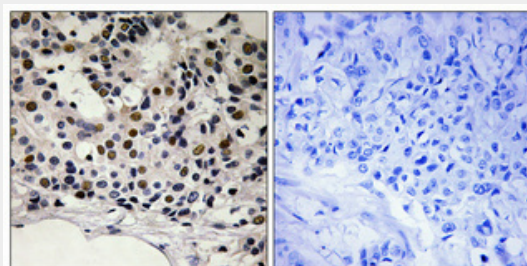
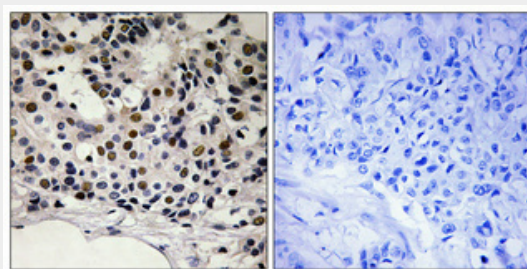
Nucleus.

Myf-5 (phospho Ser49) Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Myf-5 (phospho Ser49) Polyclonal Antibody - Images



Myf-5 (phospho Ser49) Polyclonal Antibody - Background

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.