

MYOG Rabbit Polyclonal Antibody



CAB17427

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

35kDa

Calculated MW:

25kDa

Applications:

WB IF

Reactivity:

Mouse, Rat

Protein Background

Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional skeletal muscle.

Immunogen information

Gene ID:

4656

Uniprot

P15173

Synonyms:

MYOG; MYF4; bHLHc3; myf-4; myogenin; Myogenin

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

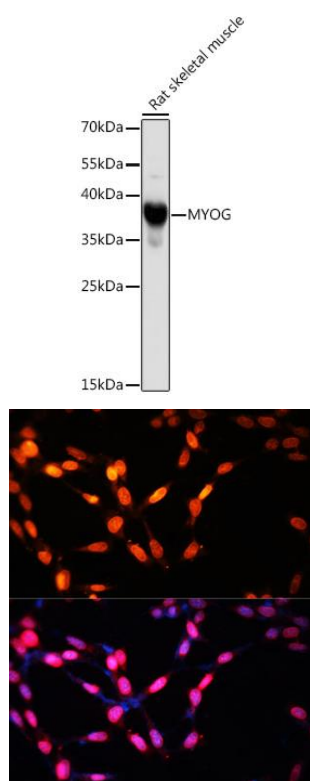
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-1-224 of human MYOG (NP_002470.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of Rat skeletal muscle, using MYOG Rabbit pAb (CAB17427) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Immunofluorescence analysis of NIH/3T3 cells using MYOG antibody (CAB17427) at dilution of 1:100. Blue: DAPI for nuclear staining.