

Datasheet for ABIN7442843
anti-Myogenin antibody (AA 4-219)[Go to Product page](#)

4 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | Myogenin (MYOG) |
| Binding Specificity: | AA 4-219 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Myogenin antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to Myogenin (MYOG) |
| Immunogen: | Recombinant Myogenin (MYOG) corresponding to Tyr4~Asp219 (Accession # NP_058811.2) |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against MYOG. It has been selected for its ability to recognize MYOG in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Pig |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

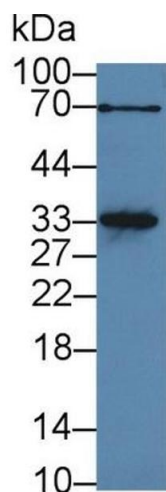
| | |
|-------------------|--|
| Target: | Myogenin (MYOG) |
| Alternative Name: | Myogenin (MYOG Products) |
| Background: | MYF4, bHLHc3, Myogenic Factor 4, Class C basic helix-loop-helix protein 3 |
| Pathways: | Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development |

Application Details

| | |
|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

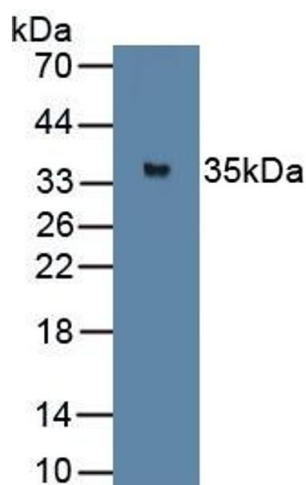
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



Western Blotting

Image 1. Detection of MYOG in Rat Heart lysate using Polyclonal Antibody to Myogenin (MYOG)



Western Blotting

Image 2. Detection of Recombinant MYOG, Rat using Polyclonal Antibody to Myogenin (MYOG)



Immunohistochemistry

Image 3. Detection of MYOG in Rat Skeletal muscle Tissue using Polyclonal Antibody to Myogenin (MYOG)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7442843.