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Recombinant Alpha Skeletal Muscle Actin Monoclonal Antibody

catalog number: AN301797L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;Rat;Mouse

Immunogen Recombinant human Alpha Skeletal Muscle fragment

Host Rabbit Isotype lgG, κ Clone A509

Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

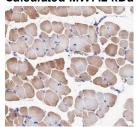
1:1000-1:5000 **WB** 1:200-1:1000 **IHC** 1:25-1:50 ΙP

Data

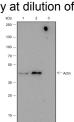


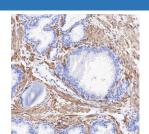
Western Blot with Alpha Skeletal Muscle Actin Monoclonal Antibody at dilution of 1:5000. Lane 1: HeLa, Lane 2: MCF-7, Lane 3: NIH/3T3, Lane 4: Mouse brain, Lane 5: Rat heart

Observed-MW:42 kDa Calculated-MW:42 kDa



muscle using Alpha Skeletal Muscle Actin Monoclonal Antibody at dilution of 1:1000.





Immunohistochemistry of paraffin-embedded Human prostate cancer using Alpha Skeletal Muscle Actin Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Mouse skeletal Immunohistochemistry of paraffin-embedded Rat skeletal muscle using Alpha Skeletal Muscle Actin Monoclonal Antibody at dilution of 1:1000.

Rev. V1.1

For Research Use Only

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Immunoprecipitation analysis using anti-Alpha Skeletal Muscle Actin Monoclonal Antibody. Western blot was performed from the immunoprecipitate using Alpha Skeletal Muscle Actin Monoclonal Antibody at a dilution of 1:50. Lane

1: 5% Input, Lane 2: Alpha Skeletal Muscle Actin Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:42 kDa Calculated-MW:42 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

The protein belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle.

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