Recombinant Alpha Skeletal Muscle Actin Monoclonal Antibody

catalog number: **AN301797L**

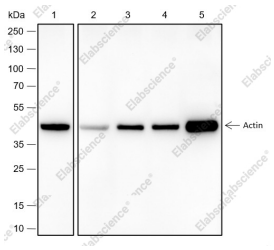
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Alpha Skeletal Muscle fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121419
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:25-1:50

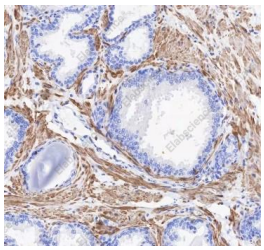
Data



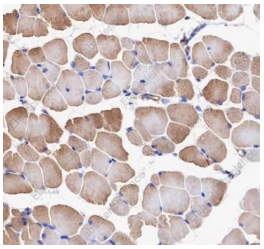
Western Blot with Alpha Skeletal Muscle Actin Monoclonal Antibody at dilution of 1:5000. Lane 1: HeLa, Lane 2: MCF-7, Lane 3: NIH/3T3, Lane 4: Mouse brain, Lane 5: Rat heart

Observed-MW:42 kDa

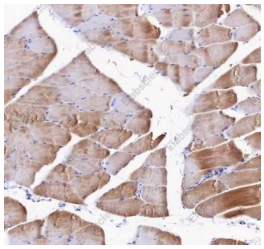
Calculated-MW:42 kDa



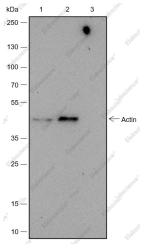
Immunohistochemistry of paraffin-embedded Human prostate cancer using Alpha Skeletal Muscle Actin Monoclonal Antibody at dilution of 1:1000.



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



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



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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