

α-SMA Polyclonal Antibody

Catalog # AP73303

Specification

α-SMA Polyclonal Antibody - Product Information

Application WB, IHC-P Primary Accession P68133

Reactivity Human, Mouse, Rat Host Rabbit

Host Rabbit Clonality Polyclonal

α-SMA Polyclonal Antibody - Additional Information

Gene ID 58

Other Names

ACTA1; ACTA; Actin, alpha skeletal muscle; Alpha-actin-1; ACTA2; ACTSA; ACTVS; GIG46; Actin, aortic smooth muscle; Alpha-actin-2; Cell growth-inhibiting gene 46 protein; ACTC1; ACTC; Actin, alpha cardiac muscle 1; Alpha-cardiac actinACTA1; ACTA; Actin, alpha skeletal muscle; Alpha-actin-1; ACTA2; ACTSA; ACTVS; GIG46; Actin, aortic smooth muscle; Alpha-actin-2; Cell growth-inhibiting gene 46 protein; ACTC1; ACTC; Actin, alpha cardiac muscle 1; Alpha-cardiac actin

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P~ \sim N/A

Format

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

Storage Conditions

-20°C

α-SMA Polyclonal Antibody - Protein Information

Name ACTA1

Synonyms ACTA

Function

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

Cellular Location

Cytoplasm, cytoskeleton.

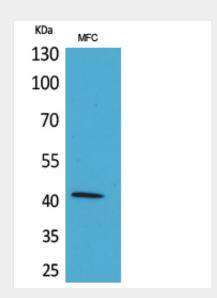


α-SMA Polyclonal Antibody - Protocols

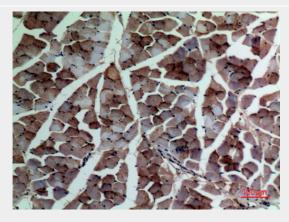
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

α-SMA Polyclonal Antibody - Images

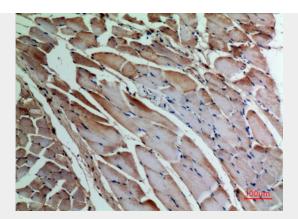


Western Blot analysis of MFC cells using $\alpha\textsc{-SMA}$ Polyclonal Antibody. Secondary antibody was diluted at 1:20000

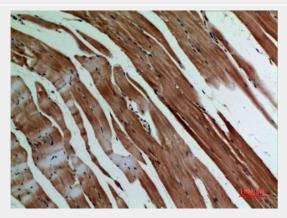


Immunohistochemical analysis of paraffin-embedded rat-muscle, antibody was diluted at 1:100

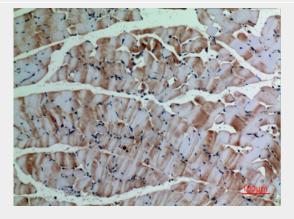




Immunohistochemical analysis of paraffin-embedded rat-muscle, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-muscle, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-muscle, antibody was diluted at 1:100

α-SMA Polyclonal Antibody - Background

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.