

Alpha smooth muscle Actin Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50856**Specification**

Alpha smooth muscle Actin Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	P62736
Reactivity	Human, Mouse, Rat, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42; [uniprot]42; [CST]45; [EPI]45,42; KDa
Antigen Region	165-260/377

Alpha smooth muscle Actin Antibody - Additional Information**Gene ID 59****Other Names**

Actin, aortic smooth muscle, Alpha-actin-2, Cell growth-inhibiting gene 46 protein, ACTA2, ACTSA, ACTVS

Dilution

WB~1:100~1:500<br \>IHC-P~N/A<br \>IHC-F~N/A<br \>IF~1:50~200<br \>E~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Alpha smooth muscle Actin Antibody - Protein Information**Name** ACTA2**Synonyms** ACTSA, ACTVS**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

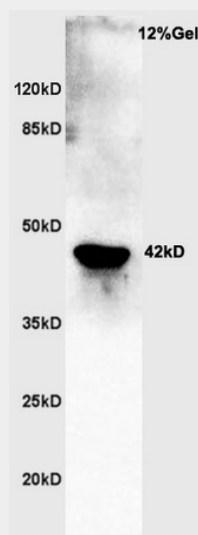
Cytoplasm, cytoskeleton.

Alpha smooth muscle Actin Antibody - Protocols

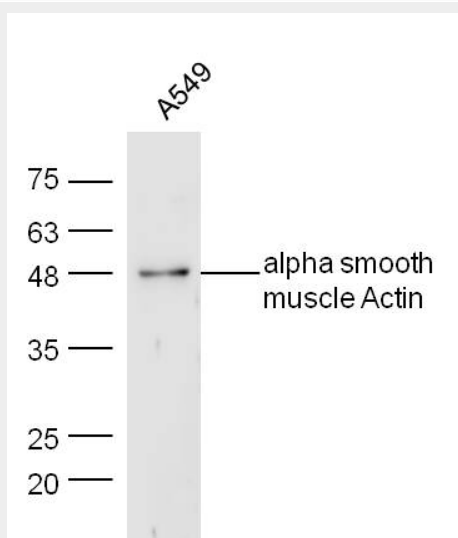
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Alpha smooth muscle Actin Antibody - Images



Human A549 lysates probed with Rabbit Anti-Actin Polyclonal Antibody, Unconjugated (AP50856) at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:5000 for 90 min at 37°C.



Human A549 lysates probed with Rabbit Anti-Actin Polyclonal Antibody, Unconjugated AP50856 at

1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:5000 for 90 min at 37°C.

Alpha smooth muscle Actin Antibody - Background

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

Alpha smooth muscle Actin Antibody - References

Kamada S.,et al.Nucleic Acids Res. 17:1767-1767(1989).
Reddy S.,et al.J. Biol. Chem. 265:1683-1687(1990).
Kim J.W.,et al.Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).