

Alpha smooth muscle Actin Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50857**Specification**

Alpha smooth muscle Actin Antibody - Product Information

Application	WB
Primary Accession	P62736
Reactivity	Human, Mouse, Rat, Chicken, Cat, Dog, Guinea Pig, Hamster, Rabbit, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42; [uniprot]42; [CST]45; [EPI]45,42; KDa
Antigen Region	301-375/375

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~~ 1:500

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

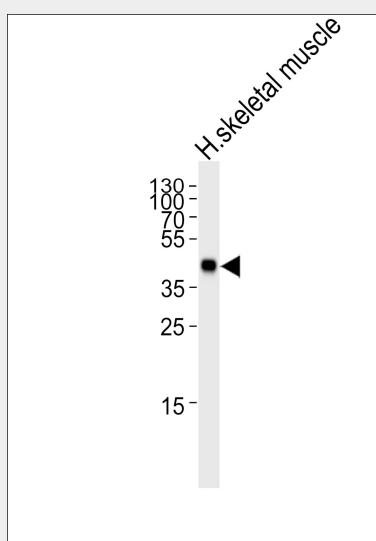
Cytoplasm, cytoskeleton.

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



Western blot analysis of lysate from human skeletal muscle tissue lysate, using alpha smooth muscle Actin Antibody (AP50857). AP50857 was diluted at 1:500. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.

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).