

alpha smooth muscle Actin Mouse mAb

Catalog: BS49638

Host: Mouse

Reactivity: Human, Mouse, Rat, Rabbit,
Cow, Pig, Sheep

BackGround:

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a smooth muscle actin that is involved in vascular contractility and blood pressure homeostasis. Mutations in this gene cause a variety of vascular diseases, such as thoracic aortic disease, coronary artery disease, stroke, and Moyamoya disease, as well as multisystemic smooth muscle dysfunction syndrome. [provided by RefSeq, Sep 2017]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:

42 kDa

Swiss-Prot:

P62736

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000
IHC-P: 1:100-1:10000
ICC/IF: 1:100-1:1000
FC: 1:500-1:1000

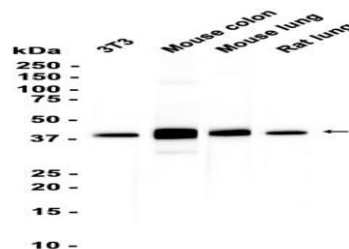
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

The antibody detects endogenous levels of it.

DATA:



Western blot analysis of extracts from 3T3 cells and Mouse colon, Mouse lung, Rat lung tissues using it at 1:1000.

Note:

For research use only, not for use in diagnostic procedure.

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