

## alpha smooth muscle Actin Recombinant Rabbit mAb

Catalog: BS46056

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

42 kDa

### Swiss-Prot:

P62736

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000-1:5000 IHC: 1:1000-1:5000  
ICC/IF: 1:200-1000 FC: 1:1000

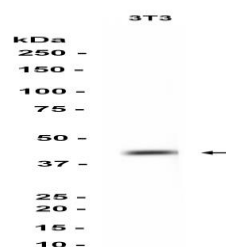
### Storage&Stability:

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

### Isotype:

IgG

### DATA:



Western blot analysis of extracts from 3T3 cells using db11668 at 1:1000.

### Note:

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

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