

α-Smooth Muscle Actin (ACTA2) polyclonal antibody

Catalog: BS8796

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The protein encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Defects in this gene cause aortic aneurysm familial thoracic type 6. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

42KDa

Swiss-Prot:

P62736

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:1000 | IHC, 1:50 - 1:200 | IF/ICC, 1:100 - 1:200

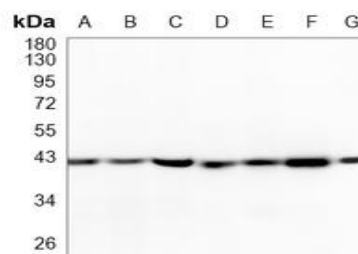
Storage&Stability:

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

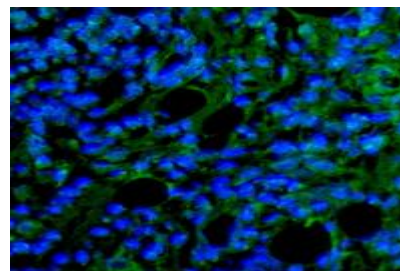
Specificity:

α-Smooth Muscle Actin (ACTA2) polyclonal antibody detects endogenous levels of α-Smooth Muscle Actin (ACTA2) protein.

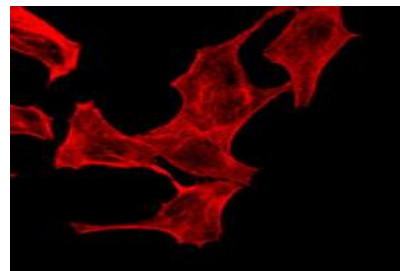
DATA:



Western blot analysis of α-Smooth Muscle Actin expression in HEK293T (A), HepG2 (B), H1792 (C), mouse kidney (D), mouse muscle (E), rat kidney (F), rat muscle (G) whole cell lysates.



Immunohistochemical analysis of α-Smooth Muscle Actin staining in human colon cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of α-Smooth Muscle Actin staining in MCF7 cells.

Note:

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

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