Product Name: alpha smooth muscle Actin Rabbit Monoclonal Antibody
Catalog #: AMRe86352

Summary

Production Name	alpha smooth muscle Actin Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, IHC-P, ICC/IF, FC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	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.
Purification	Affinity Purification

Immunogen

Gene Name	alpha smooth muscle Actin
Alternative Names	ACTSA
Gene ID	59
SwissProt ID	P62736.

Application

Dilution Ratio	WB: 1:2000-1:20000 IHC-P: 1:500-1:2000 ICC/IF: 1:200-1:500 FC: 1:10-1:100
Molecular Weight	Calculated MW:42 kDa; Observed MW:42 kDa

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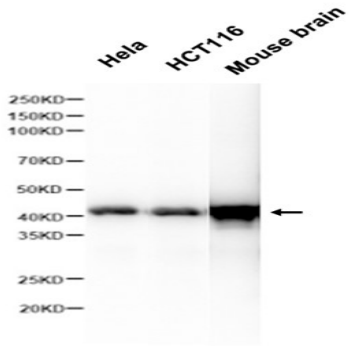
Background

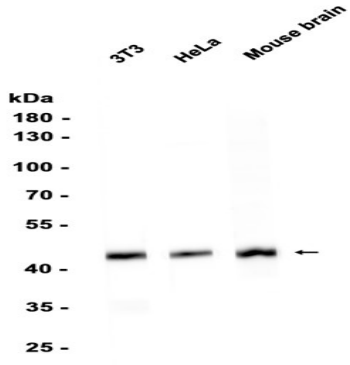
This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a smooth muscle actin that is involved in vascular contractility and blood pressure homeostasis. Mutations 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]

Research Area

Image Data



Western blot analysis of extracts from HeLa，HCT116 cells and Mouse brain tissue using AMRe86352 at 1:10000.



Western blot analysis of extracts from HeLa，3T3 cells and Mouse brain tissue using AMRe86352 at 1:10000.

Note

For research use only.