

# Fascin Rabbit mAb

Catalog # AP78697

## Product Information

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<b>Application</b>	WB, IHC-P, IF, FC, ICC, IP
<b>Primary Accession</b>	<a href="#">Q16658</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human Fascin
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	54530

## Additional Information

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<b>Gene ID</b>	6624
<b>Other Names</b>	FSCN1
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IF~~1:50~200 FC~~1:10~50 ICC~~N/A IP~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	FSCN1
<b>Synonyms</b>	FAN1, HSN, SNL
<b>Function</b>	Actin-binding protein that contains 2 major actin binding sites (PubMed: <a href="#">21685497</a> , PubMed: <a href="#">23184945</a> ). Organizes filamentous actin into parallel bundles (PubMed: <a href="#">20393565</a> , PubMed: <a href="#">21685497</a> , PubMed: <a href="#">23184945</a> ). Plays a role in the organization of actin filament bundles and the formation of microspikes, membrane ruffles, and stress fibers (PubMed: <a href="#">22155786</a> ). Important for the formation of a diverse set of cell protrusions, such as filopodia, and for cell motility and migration (PubMed: <a href="#">20393565</a> , PubMed: <a href="#">21685497</a> , PubMed: <a href="#">23184945</a> ). Mediates reorganization of the actin cytoskeleton and axon growth cone collapse in response to NGF (PubMed: <a href="#">22155786</a> ).

## Cellular Location

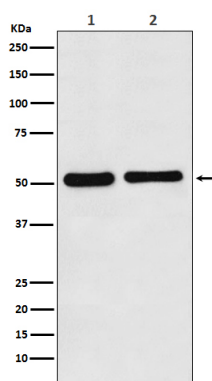
Cytoplasm, cytosol. Cytoplasm, cell cortex. Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, stress fiber. Cell projection, filopodium. Cell projection, invadopodium. Cell projection, microvillus. Cell junction. Note=Colocalized with RUFY3 and F-actin at filipodia of the axonal growth cone. Colocalized with DBN1 and F- actin at the transitional domain of the axonal growth cone (By similarity). {ECO:0000250|UniProtKB:Q61553, ECO:0000269|PubMed:21706053}

## Tissue Location

Ubiquitous.

## Images

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