

# Fascin 1 Polyclonal Antibody

Catalog # AP73395

## Product Information

---

Application	WB, IHC-P
Primary Accession	<a href="#">Q16658</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54530

## Additional Information

---

Gene ID	6624
Other Names	FSCN1; FAN1; HSN; SNL; Fascin; 55 kDa actin-bundling protein; Singed-like protein; p55
Dilution	WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

## Protein Information

---

Name	FSCN1
Synonyms	FAN1, HSN, SNL
Function	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}

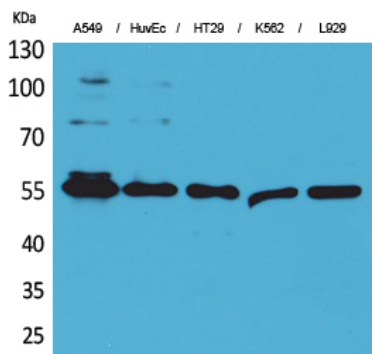
## Tissue Location

Ubiquitous.

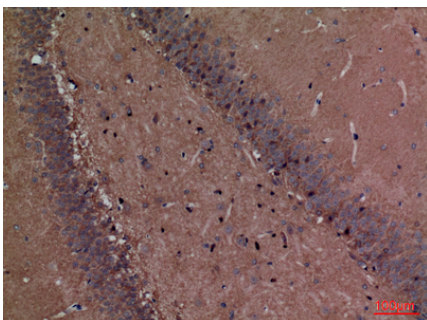
## Background

Organizes filamentous actin into bundles with a minimum of 4.1:1 actin/fascin ratio. Plays a role in the organization of actin filament bundles and the formation of microspikes, membrane ruffles, and stress fibers. Important for the formation of a diverse set of cell protrusions, such as filopodia, and for cell motility and migration.

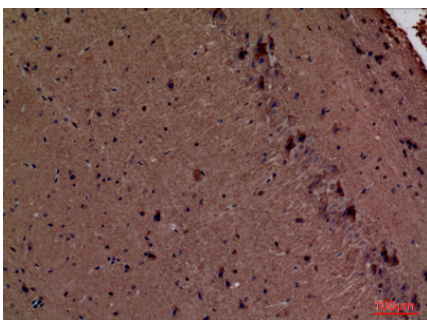
## Images



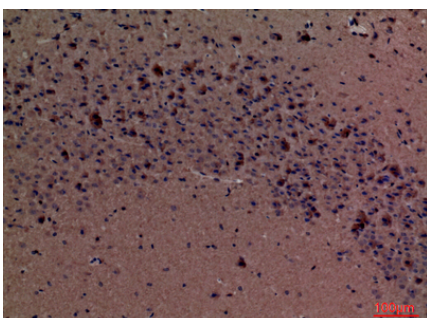
Western Blot analysis of A549, HuvEc, HT29, K562, L929 cells using Fascin 1 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded mouse-brain, antibody was diluted at 1:100

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.