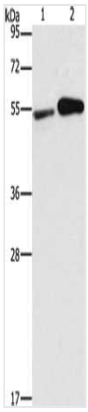
FSCN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FSCN1, Polyclonal Antibody
Full Product Name	FSCN1 Antibody
Product Gene Name	anti-FSCN1 antibody
Product Synonym Names	fascin homolog 1; actin-bundling protein (Strongylocentrotus purpuratus)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	Calculated MW: 54kDa Observed MW: 50kDa, 55kDa
OMIM	602689
3D Structure	ModBase 3D Structure for Q16658
Immunogen	Fusion protein of human FSCN1
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-FSCN1 antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FSCN1 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-FSCN1 antibody	ELISA: 1:1000-1:2000 WB: 1:200-1:1000
Related Product Information for anti-FSCN1 antibody	MBS7123349 is an antibody targeting FSCN1. Also known as FSCN1 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-FSCN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-PAGE of anti-FSCN1 antibody
Gel: 10%SDS-PAGE, Lysate: 40 ug, Lane 1-2: Raji cells, U937 cells, Primary antibody: MBS7123349(FSCN1 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 40 seconds

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FSCN1. It may not necessarily be applicable to this product.

NCBI GI #	2498357
NCBI GeneID	6624
NCBI Accession #	Q16658.3
UniProt Primary Accession #	Q16658
UniProt Secondary Accession #	Q96IC5; Q96IH1; Q9BRF1; A6NI89; B2RE97
UniProt Related Accession #	Q16658
NCBI Official Full Name	Fascin
NCBI Official Synonym Full Names	fascin actin-bundling protein 1
NCBI Official Symbol	FSCN1
NCBI Official Synonym Symbols	HSN; SNL; p55; FAN1
UniProt Protein Name	Fascin
UniProt Synonym Protein Names	55 kDa actin-bundling protein; Singed-like protein; p55
Protein Family	Fascin
UniProt Gene Name	FSCN1
UniProt Synonym Gene Names	FAN1; HSN; SNL
UniProt Entry Name	FSCN1_HUMAN
NCBI Protein Information	fascin; 55 kDa actin-bundling protein; fascin homolog 1, actin-bundling protein; singed-like (fascin homolog, sea urchin)
NCBI Summary for FSCN1	This gene encodes a member of the fascin family of actin-binding proteins. Fascin proteins organize F-actin into parallel bundles, and are required for the formation of actin-based cellular protrusions. The encoded protein plays a critical role in cell migration, motility, adhesion and cellular interactions. Expression of this gene is known to be regulated by several microRNAs, and overexpression of this gene may play a role in the metastasis of multiple types of cancer by increasing cell motility. Expression of this gene is also a marker for Reed-Sternberg cells in Hodgkin's lymphoma. A pseudogene of this gene is located on the long arm of chromosome 15. [provided by RefSeq, Sep 2011]

UniProt Comments for FSCN1	Fascin: 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. Associates with beta-catenin. Ubiquitous. Belongs to the fascin family. Protein type: Motility/polarity/chemotaxis; Cytoskeletal; Actin-binding Chromosomal Location of Human Ortholog: 7p22 Cellular Component: cytoplasm; stress fiber; cell junction; cytosol; actin cytoskeleton; filopodium Molecular Function: protein binding, bridging; actin filament binding; protein binding; drug binding; actin binding Biological Process: cell proliferation; actin filament bundle formation; cell migration; cell motility involved in cell locomotion; actin cytoskeleton organization and biogenesis
Research Articles on FSCN1	**1.** We found that fascin1 expression is a potential poor marker of prognosis for patients with High-grade serous ovarian carcinoma
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