FSCN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FSCN1, Polyclonal Antibody
Full Product Name	FSCN1 Rabbit pAb
Product Gene Name	anti-FSCN1 antibody
Product Synonym Names	HSN; SNL; p55; FAN1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	50kDa; 55kDa
OMIM	602689
3D Structure	ModBase 3D Structure for Q16658
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 394-493 of human FSCN1 (NP_003079.1).
Cellular Localization	Cell Junction, Cell Projection, Cytoplasm, Cytoskeleton
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FSCN1 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-FSCN1 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-FSCN1 antibody	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.
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.
Searchable Terms for FSCN1 purchase	MBS8544661 is an antibody targeting FSCN1. Also known as FSCN1 Rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.

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 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
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 there was a significant association between FSCN1 expression and poor relapse-free survival and overall survival. Therefore, we suggest that co-targeting epidermal growth factor receptor and FSCN1 dual biomarker may be used as a novel therapeutic strategy for triple-negative breast cancer.
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