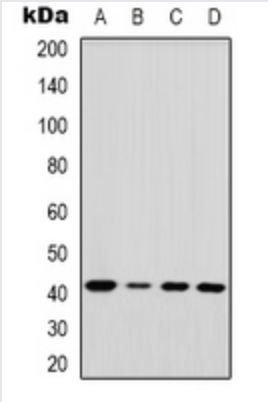
Fascin (FSCN1) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Fascin (FSCN1), Polyclonal Antibody
Full Product Name	Anti-Fascin Antibody
Product Gene Name	anti-FSCN1 antibody
Product Synonym Names	FAN1; HSN; SNL; Fascin; 55 kDa actin-bundling protein; Singed-like protein; p55
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of Fascin protein.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Antibody/Peptide Pairs	Fascin peptide (MBS8244099) is used for blocking the activity of Fascin antibody (MBS8242177)
Molecular Weight	54,530 Da
OMIM	602689
3D Structure	ModBase 3D Structure for Q16658
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Fascin. The exact sequence is proprietary.
Applications Tested/Suitable for anti-FSCN1 antibody	Western Blot (WB)
Application Notes for anti-FSCN1 antibody	Western Blot: (1/500 - 1/1000)
Related Product Information for anti-FSCN1 antibody	MBS8242177 is an antibody targeting FSCN1. Also known as Anti-Fascin Antibody. Reactive in Human. Host: Rabbit. Rabbit polyclonal antibody to Fascin
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.



Western Blot (WB) of anti-FSCN1 antibody
Western blot analysis of Fascin expression in HuvEc (A), K562 (B), HT29 (C), A549 (D) whole cell lysates.

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
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	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.

Research Articles on FSCN1	**1.** Alterations in nuclear Fascin levels result in defects in nucleolar morphology in both Drosophila follicles and cultured mammalian cells, suggesting that nuclear Fascin plays an important role in nucleolar architecture.
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