Datasheet for ABIN6140724

anti-Fibronectin 1 antibody (AA 2200-2355)

1 Image

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Overview

Quantity:	100 µL
Target:	Fibronectin 1 (FN1)
Binding Specificity:	AA 2200-2355
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibronectin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 2200-2355 of human Fibronectin (NP_002017.1).
Sequence:	LLCQCLGFGS GHFRCDSSRW CHDNGVNYKI GEKWDRQGEN GQMMSCTCLG NGKGEFKCDP HEATCYDDGK TYHVGEQWQK EYLGAICSCT CFGGQRGWRC DNCRRPGGEP SPEGTTGQSY NQYSQRYHQR TNTNVNCPIE CFMPLDVQAD REDSRE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	Fibronectin 1 (FN1)
Alternative Name:	FN1 (FN1 Products)
Background:	This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. The encoded preproprotein is proteolytically processed to generate the mature protein. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing. The full-length nature of some variants has not been determined.,FN1,CIG,ED-B,FINC,FN,FNZ,GFND,GFND2,LETS,MSF,fibronectin,Cancer,Invasion and Metastasis,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Extracellular Matrix,Stem Cells,Mesenchymal Stem Cells,Neural Stem Cells,Cardiovascular,Angiogenesis,FN1
Molecular Weight:	71-73 kDa/221-272 kDa
Gene ID:	2335
UniProt:	P02751
Pathways:	Cellular Response to Molecule of Bacterial Origin, Carbohydrate Homeostasis, Autophagy

Application Details

Application Notes:	WB,1:500 - 1:1000,IF,1:50 - 1:200
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

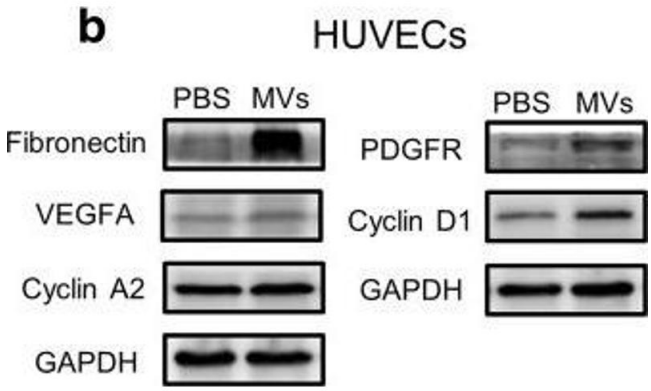
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Handling

Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Effect of ASC-MV treatment on gene expression in all three kinds of cells. qRT-PCR analysis of a cluster of gene expression in cells treated with either PBS or 20 μg/mL ASC-MVs. a Upregulated genes in HUVECs. c Upregulated genes in HaCAT. e Upregulated genes in fibroblasts. Western blot analysis of gene expression in cells given above treatments. b Upregulated genes in HUVECs. d HaCAT. f Fibroblasts. GAPDH served as an internal control. N=3. *p<0.05, **p<0.01, ***p<0.001, ****p<0.0001 - figure provided by CiteAb. Source: PMID30704535