

FSCN1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2712a**Specification**

FSCN1 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q16658
Other Accession	NP_003079.1 , 6624
Reactivity	Human
Predicted	Mouse, Rat
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	54530

FSCN1 Antibody (internal region) - Additional Information**Gene ID** 6624**Other Names**

Fascin, 55 kDa actin-bundling protein, Singed-like protein, p55, FSCN1, FAN1, HSN, SNL

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FSCN1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

FSCN1 Antibody (internal region) - Protein Information**Name** FSCN1**Synonyms** FAN1, HSN, SNL**Function**

Actin-binding protein that contains 2 major actin binding sites (PubMed:21685497, PubMed:23184945). Organizes filamentous actin into parallel bundles (PubMed:20393565, PubMed:21685497, PubMed:23184945). Plays a role in the organization of actin filament bundles and the formation of microspikes, membrane ruffles, and stress fibers (PubMed:22155786). Important for the formation of a diverse set of cell protrusions, such as filopodia, and for cell motility and migration (PubMed:20393565, PubMed:21685497, PubMed:23184945). Mediates reorganization of the actin cytoskeleton and axon growth cone collapse in response to NGF (PubMed:22155786).

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 filopodia 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

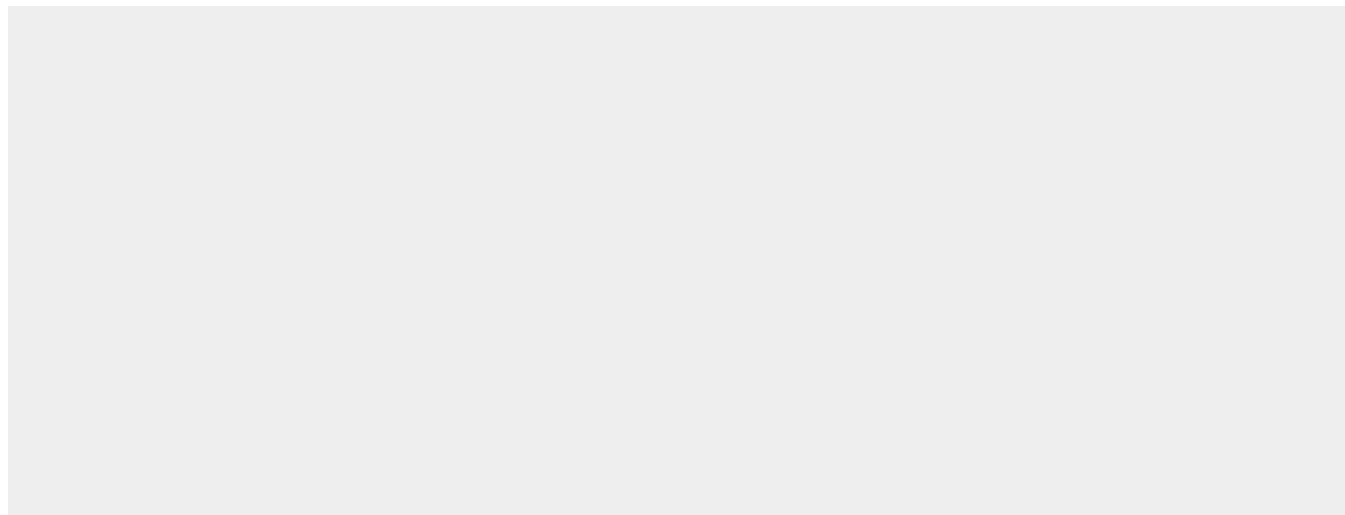
Ubiquitous.

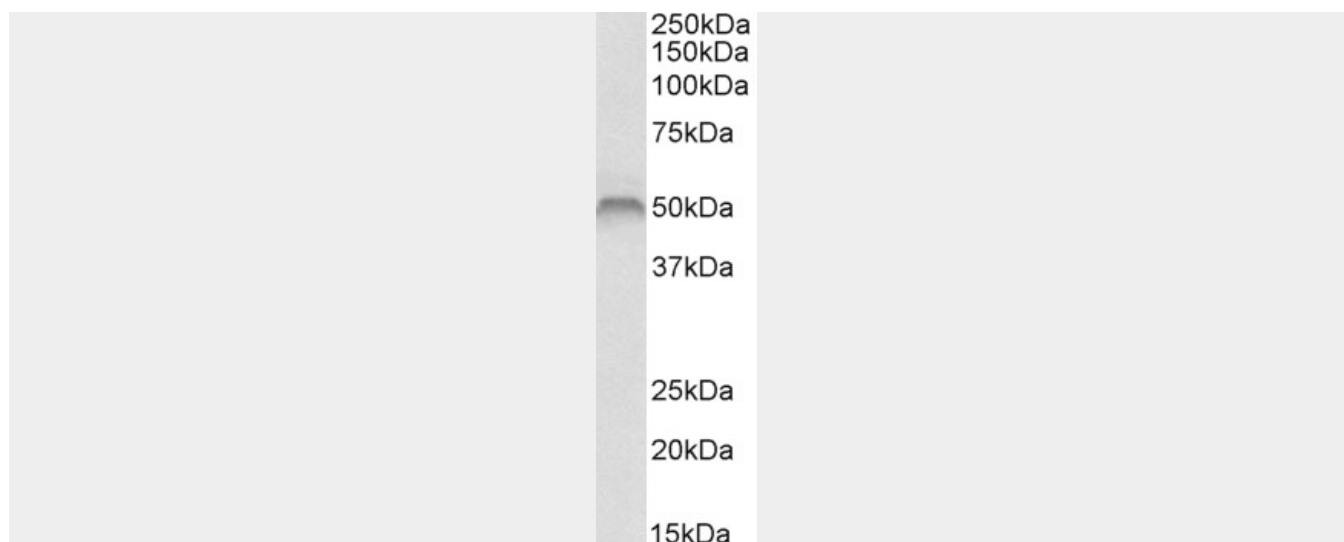
FSCN1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FSCN1 Antibody (internal region) - Images





AF2712a (1 μ g/ml) staining of Human Skeletal Muscle lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

FSCN1 Antibody (internal region) - References

Role of fascin in filopodial protrusion. Vignjevic D, Kojima S, Aratyn Y, Danciu O, Svitkina T, Borisy GG. J Biol. 2006 Sep 11;174(6):863-75. PMID: 16966425