

Fscn1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12653**Specification**

Fscn1 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q61553
Other Accession	NM_007984 , NP_032010
Reactivity	Human, Mouse, Rat, Zebrafish, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Chicken, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54kDa KDa

Fscn1 antibody - N-terminal region - Additional Information**Gene ID** 14086

Alias Symbol	AI663989, Fan1, fascin-1
Other Names	
Fascin, Singed-like protein, Fscn1, Fan1, Sni	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-Fscn1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

Fscn1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Fscn1 antibody - N-terminal region - Protein Information**Name** Fscn1**Synonyms** Fan1, Sni**Function**

Actin-binding protein that contains 2 major actin binding sites (By similarity). Organizes filamentous actin into parallel bundles (PubMed:7738015). Plays a role in the organization of actin filament bundles and the formation of microspikes, membrane ruffles, and stress fibers (By similarity). Important for the formation of a diverse set of cell protrusions,

such as filopodia, and for cell motility and migration (PubMed:21685497). Mediates reorganization of the actin cytoskeleton and axon growth cone collapse in response to NGF (By similarity).

Cellular Location

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q16658}. Cytoplasm, cell cortex {ECO:0000250|UniProtKB:Q16658}. Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q16658}. Cytoplasm, cytoskeleton, stress fiber {ECO:0000250|UniProtKB:Q16658}. Cell projection, growth cone. Cell projection, filopodium. Cell projection, invadopodium. Cell projection, microvillus {ECO:0000250|UniProtKB:Q16658}. Cell junction {ECO:0000250|UniProtKB:Q16658}. Note=Colocalized with RUFY3 and F-actin at filopodia of the axonal growth cone (PubMed:24720729). Colocalized with DBN1 and F-actin at the transitional domain of the axonal growth cone (PubMed:24720729). {ECO:0000250|UniProtKB:Q16658, ECO:0000269|PubMed:24720729}

Tissue Location

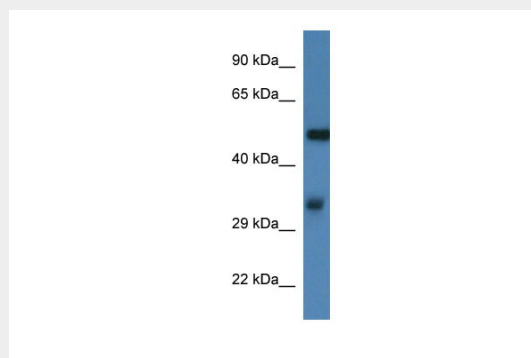
Most abundant in brain. Detected at lower levels in lung, uterus, small intestine and spleen (at protein level)

Fscn1 antibody - N-terminal 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 - N-terminal region - Images



WB Suggested Anti-Fscn1 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Thymus