

Datasheet for ABIN3030912
anti-Fascin antibody (N-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	Fascin (FSCN1)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fascin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	An amino acid sequence from the N-terminus of human Fascin (DDGRWSLQSEAHRRYFG) was used as the immunogen for this Fascin antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

Target Details

Target:	Fascin (FSCN1)
Alternative Name:	Fascin (FSCN1 Products)
Background:	Fascin is a actin cross-linking protein. The gene contains 5 exons and spans 7 kb. It is a 54-58 kilodalton monomeric actin filament bundling protein originally isolated from sea urchin egg but also found in Drosophila and vertebrates, including humans. Fascin is spaced at 11 nanometre

Target Details

intervals along the filament. The bundles in cross section are seen to be hexagonally packed, and the longitudinal spacing is compatible with a model where fascin cross-links at alternating 4 and 5 actins. It is calcium insensitive and monomeric. Fascin binds beta-catenin, and colocalizes with it at the leading edges and borders of epithelial and endothelial cells. The role of Fascin in regulating cytoskeletal structures for the maintenance of cell adhesion, coordinating motility and invasion through interactions with signalling pathways is an active area of research especially from the cancer biology perspective. Abnormal fascin expression or function has been implicated in breast cancer, colon cancer, esophageal squamous cell carcinoma, gallbladder cancer and prostate cancer.

UniProt: [Q16658](#)

Application Details

Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Fascin antibody may be required due to differences in protocols and secondary/substrate sensitivity.\.
Western blot: 0.5-1 µg/mL

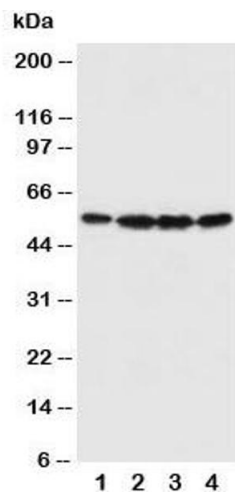
Restrictions: For Research Use only

Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

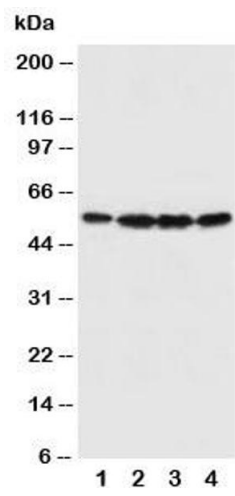
Storage: -20 °C

Storage Comment: After reconstitution, the Fascin antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.



Western Blotting

Image 1. Western blot testing of Fascin antibody and Lane 1: U87; 2: A549; 3: MCF-7; 4: HT1080 cell lysate



Western Blotting

Image 2. Western blot testing of Fascin antibody and Lane 1: U87