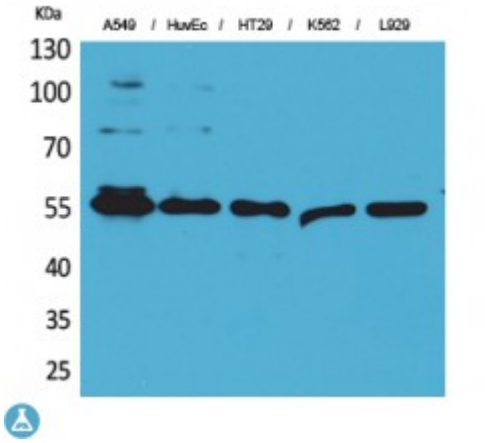
Anti-Fascin 1 antibody



Description	Rabbit polyclonal to Fascin 1.

Model	STJ96577
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Fascin 1.
Immunogen Region	261-310 aa, Internal
Gene ID	6624
Gene Symbol	FSCN1
Dilution range	WB 1:500-1:2000IHC-P 1:100-300ELISA 1:20000
Specificity	Fascin 1 Polyclonal Antibody detects endogenous levels of Fascin 1 protein.
Tissue Specificity	Ubiquitous.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Fascin 55 kDa actin-bundling protein Singed-like protein p55
Molecular Weight	55 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11148OMIM:602689
Alternative Names	Fascin 55 kDa actin-bundling protein Singed-like protein p55
Function	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.
Sequence and Domain Family	Composed of four beta-trefoil domains.
Cellular Localization	Cytoplasm, cytosol Cytoplasm, cytoskeleton Cell projection, filopodium Cell projection, invadopodium Cell projection, microvillus Cell junction. In glioma cells, partially colocalizes with F-actin stress fibers in the cytosol . Colocalized with RUFY3 and F-actin at filipodia of the axonal growth cone. Colocalized with DBN1 and F-actin at the transitional domain of the axonal growth cone .
Post-translational Modifications	Phosphorylation on Ser-39 inhibits the actin-binding ability of fascin.