

Anti-SCIN Antibody (4Y852)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4Y852
Purification:	Affinity-chromatography

Applications

Verified Activity:	IHC image of TMAH-01073 diluted at 1:100 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.
Application:	ELISA, IHC
Recommended	IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human SCIN
Antigen Species:	Human
Gene ID:	85477
Uniprot ID:	Q9Y6U3
Biology Area:	Signal transduction

Research Background

Ca(2+)-dependent actin filament-severing protein that has a regulatory function in exocytosis by affecting the organization of the microfilament network underneath the plasma membrane. Severing activity is inhibited by phosphatidylinositol 4,5-bis-phosphate (PIP2). In vitro, also has barbed end capping and nucleating activities in the presence of Ca(2+). Required for megakaryocyte differentiation, maturation, polyploidization and apoptosis with the release of platelet-like particles. Plays a role in osteoclastogenesis (OCG) and actin cytoskeletal organization in osteoclasts. Regulates chondrocyte proliferation and differentiation. Inhibits cell proliferation and tumorigenesis. Signaling is mediated by MAPK, p38 and JNK pathways.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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