

ARG63378 anti-ANILLIN / Scraps antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ANILLIN / Scraps
Tested Reactivity	Hu
Predict Reactivity	Ms, Cow
Tested Application	FACS, ICC/IF, IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ANILLIN / Scraps
Species	Human
Immunogen	WQPDACYKPIGKP
Conjugation	Un-conjugated
Alternate Names	FSGS8; scra; Actin-binding protein anillin; Scraps

Application Instructions

Application table	Application	Dilution
	FACS	10 µg/ml
	ICC/IF	10 µg/ml
	IHC-P	3 - 10 µg/ml
Application Note	IHC-P: Antigen Retrieval: Microwaved tissue section in Tris/EDTA buffer (pH 9.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

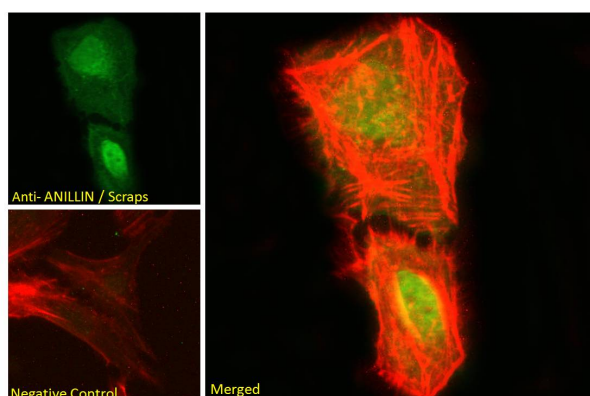
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

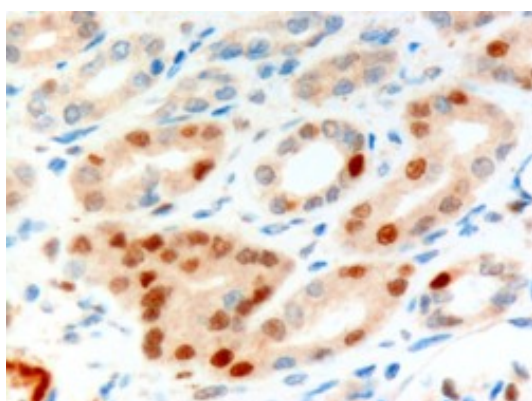
Database links	GeneID: 54443 Human Swiss-port # Q9NQW6 Human
Background	This gene encodes an actin-binding protein that plays a role in cell growth and migration, and in cytokinesis. The encoded protein is thought to regulate actin cytoskeletal dynamics in podocytes, components of the glomerulus. Mutations in this gene are associated with focal segmental glomerulosclerosis 8. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]
Research Area	Cell Biology and Cellular Response antibody; Signaling Transduction antibody
Calculated Mw	124 kDa
PTM	Phosphorylated during mitosis. Ubiquitinated, and this requires FZR1/CDH1.

Images



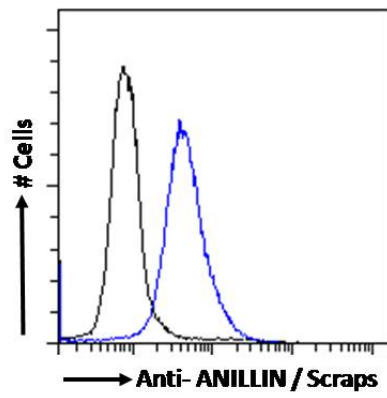
ARG63378 anti-ANILLIN / Scraps antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed U2OS cells permeabilized with 0.15% Triton. Cells were stained with ARG63378 anti-ANILLIN / Scraps antibody (green) at 10 µg/ml dilution for 1 hour. Phalloidin (red) for Actin filaments staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



ARG63378 anti-ANILLIN / Scraps antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Kidney. (Microwaved antigen retrieval with Tris/EDTA buffer pH9) stained with ARG63378 anti-ANILLIN / Scraps antibody at 10 µg/ml dilution followed by HRP-staining.



ARG63378 anti-ANILLIN / Scraps antibody FACS image

Flow Cytometry: Paraformaldehyde-fixed MCF7 cells permeabilized with 0.5% Triton. Cells were stained with ARG63378 anti-ANILLIN / Scraps antibody (blue line) at 10 µg/ml dilution for 1 hour, followed by incubation with Alexa FluorR 488 labelled secondary antibody. IgG control: Unimmunized goat IgG (black line).