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Datasheet for ABIN7166026 anti-RUFY3 antibody (AA 243-352)

2 Images



Overview

Quantity:	100 µg
Target:	RUFY3
Binding Specificity:	AA 243-352
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUFY3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

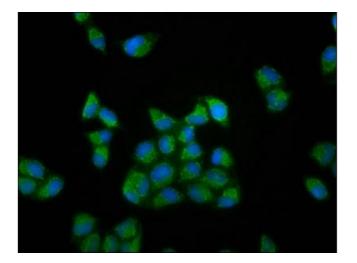
Immunogen:	Recombinant Human Protein RUFY3 protein (243-352AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

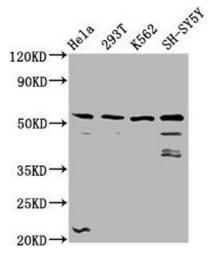
Target Details

Target:	RUFY3
Alternative Name:	RUFY3 (RUFY3 Products)
Background:	Background: Plays a role in the generation of neuronal polarity formation and axon growth (By
	similarity). Implicated in the formation of a single axon by developing neurons (By similarity).

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	May inhibit the formation of additional axons by inhibition of PI3K in minor neuronal processes
	(By similarity). Plays a role in the formation of F-actin-enriched protrusive structures at the cell
	periphery (PubMed:25766321). Plays a role in cytoskeletal organization by regulating the
	subcellular localization of FSCN1 and DBN1 at axonal growth cones (By similarity). Promotes
	gastric cancer cell migration and invasion in a PAK1-dependent manner (PubMed:25766321).
	Aliases: Protein RUFY3 antibody, rap2 interacting protein x antibody, Rap2 interacting protein x
	isoform 2 antibody, Rap2-interacting protein x antibody, RIPx antibody, Rpipx antibody, Rufy3
	antibody, RUFY3_HUMAN antibody, RUN and FYVE domain containing 3 antibody, Singar
	antibody, Singar1 antibody, Single axon regulated protein antibody, single axon related 1
	antibody, Single axon-regulated protein antibody
UniProt:	Q7L099
Application Details	
Application Notes:	Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.





Immunofluorescence

Image 1. Immunofluorescence staining of Hela cells with ABIN7166026 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Western Blotting

Image 2. Western Blot Positive WB detected in: Hela whole cell lysate, 293T whole cell lysate, K562 whole cell lysate, SH-SY5Y whole cell lysate All lanes: RUFY3 antibody at 3.71 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 53, 56, 71, 65 kDa Observed band size: 53 kDa

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