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## Datasheet for ABIN7166027

# anti-RUFY3 antibody (AA 243-352) (Biotin)

#### Overview

Quantity:	100 μg
Target:	RUFY3
Binding Specificity:	AA 243-352
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RUFY3 antibody is conjugated to Biotin
Application:	ELISA

#### **Product Details**

Immunogen:	Recombinant Human Protein RUFY3 protein (243-352AA)
Isotype:	IgG
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).

#### **Target Details**

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, Singar antibody, Single axon regulated protein antibody, single axon related 1 antibody, Single axon-regulated protein antibody

UniProt:

Q7L099

#### **Application Details**

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Application Notes:	Optimal working dilution should be determined by the investigator.
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.