

Rabbit anti-Human RUFY3 Polyclonal Antibody | anti-RUFY3 antibody

RUFY3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234839	Rabbit	Human	Immunofluorescence, Western Blot, ELISA

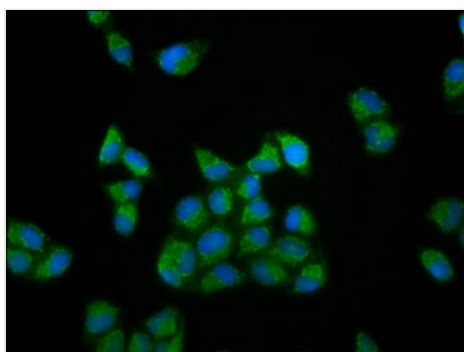
PRODUCT SYNONYMS

RUFY3; Polyclonal Antibody; RUFY3 Antibody; Protein RUFY3; RUN and FYVE domain-containing protein 3; anti-RUFY3 antibody

PRODUCT SPECIFICATIONS

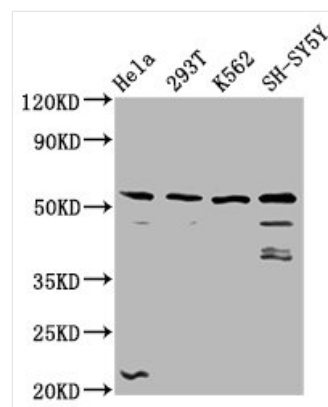
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	620
Applicable Applications for anti-RUFY3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant Human Protein RUFY3 protein (243-352AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234839 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

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 3.71ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 53, 56, 71, 65 KDa. Observed band size: 53 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-RUFY3 antibody	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). 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).
Product Categories/Family for anti-RUFY3 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	82697315
NCBI GeneID	22902
NCBI Accession #	NP_001032519.1
NCBI GenBank Nucleotide #	NM_001037442.3
UniProt Accession #	Q7L099; O94948; Q9UI00; B3KM25; B4DYW7; D9N163
Molecular Weight	64,721 Da
NCBI Official Full Name	protein RUFY3 isoform 1
NCBI Official Synonym Full Names	RUN and FYVE domain containing 3
NCBI Official Symbol	RUFY3
NCBI Official Synonym Symbols	RIPX; SINGAR1; ZFYVE30
NCBI Protein Information	protein RUFY3
UniProt Protein Name	Protein RUFY3
UniProt Gene Name	RUFY3
UniProt Synonym Gene Names	Singar

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.