

Product datasheet

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ARG66613 anti-RUFY1 antibody

Package: 100 μg Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes RUFY1

Tested Reactivity Hu

Tested Application WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name RUFY1
Species Human

Immunogen Synthetic peptide within aa. 110-190 of Human RUFY1.

Conjugation Un-conjugated

Alternate Names FYVE-finger protein EIP1; RUN and FYVE domain-containing protein 1; ZFYVE12; Zinc finger FYVE

domain-containing protein 12; Rab4-interacting protein; La-binding protein 1; RABIP4

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 80 kDa	

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol and 0.5% BSA

Concentration 1 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. 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.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol RUFY1

Gene Full Name RUN and FYVE domain containing 1

Background This gene encodes a protein that contains a RUN domain and a FYVE-type zinc finger domain. The

encoded protein binds to phosphatidylinositol-3-phosphate (PI3P) and plays a role in early endosomal trafficking, tethering and fusion through interactions with small GTPases including Rab4, Rab5 and Rab14. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this

gene. [provided by RefSeq, Dec 2011]

Function Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in early

endosomal trafficking. [UniProt]

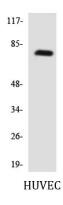
Calculated Mw 80 kDa

PTM Phosphorylation on Tyr-389 and/or Tyr-400 is required for interaction with BMX and endosomal

targeting. [UniProt]

Cellular Localization Cytoplasm. Early endosome membrane; Peripheral membrane protein. [UniProt]

Images



ARG66613 anti-RUFY1 antibody WB image

Western blot: HUVEC cell lysate stained with ARG66613 anti-RUFY1 antibody.