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Datasheet for ABIN5010231

anti-ZFYVE9 antibody (AA 71-170) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	ZFYVE9
Binding Specificity:	AA 71-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ZFYVE9 antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SARA
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	ZFYVE9
Alternative Name:	SARA (ZFYVE9 Products)
Background:	Synonyms: NSP, SARA, MADHIP, SMADIP, PPP1R173, Zinc finger FYVE domain-containing

Target Details

protein 9, Mothers against decapentaplegic homolog-interacting protein, Madh-interacting protein, Novel serine protease, Receptor activation anchor, hSARA, Smad anchor for receptor activation, ZFYVE9

Background: Early endosomal protein that functions to recruit SMAD2/SMAD3 to intracellular membranes and to the TGF-beta receptor. Plays a significant role in TGF-mediated signaling by regulating the subcellular location of SMAD2 and SMAD3 and modulating the transcriptional activity of the SMAD3/SMAD4 complex. Possibly associated with TGF-beta receptor internalization.

Gene ID: 9372

UniProt: [O95405](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months