Datasheet for ABIN7169254

anti-PPP2R5E antibody (Regulatory Subunit)

2 Images

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Overview

Quantity:	100 µg
Target:	PPP2R5E
Binding Specificity:	AA 2-149, Regulatory Subunit
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R5E antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform protein (2-149AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PPP2R5E
Alternative Name:	PPP2R5E (PPP2R5E Products)
Background:	Background: The B regulatory subunit might modulate substrate selectivity and catalytic

Target Details

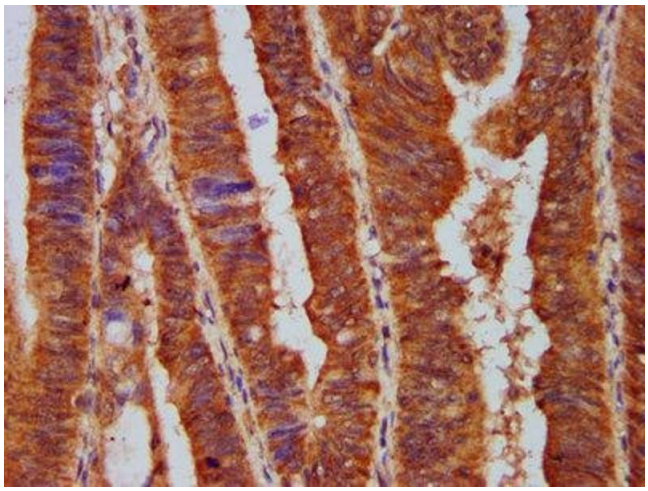
	activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. Aliases: 2A5E_HUMAN antibody, Epsilon isoform of regulatory subunit B56 protein phosphatase 2A antibody, PP2A B subunit B' epsilon antibody, PP2A B subunit B' epsilon isoform antibody, PP2A B subunit B56 epsilon antibody, PP2A B subunit B56 epsilon isoform antibody, PP2A B subunit isoform B''-epsilon antibody, PP2A B subunit isoform B'-epsilon antibody, PP2A B subunit isoform B56-epsilon antibody, PP2A B subunit isoform PR61-epsilon antibody, PP2A B subunit isoform R5-epsilon antibody, PP2A B subunit PR61 epsilon antibody, PP2A B subunit PR61 epsilon isoform antibody, PP2A B subunit R5 epsilon antibody, PP2A B subunit R5 epsilon isoform antibody, PPP2R5E antibody, Protein phosphatase 2 regulatory subunit B (B56) epsilon isoform antibody, Protein phosphatase 2 regulatory subunit B' epsilon antibody, Protein phosphatase 2 regulatory subunit B' epsilon isoform antibody, Regulatory subunit B of protein phosphatase 2 epsilon isoform antibody, Serine/threonine protein phosphatase 2A 56 kDa regulatory subunit epsilon antibody, Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform antibody
UniProt:	Q16537
Pathways:	PI3K-Akt Signaling

Application Details

Application Notes:	Recommended dilution: IHC:1:500-1:1000, IF:1:50-1:200,
Restrictions:	For Research Use only

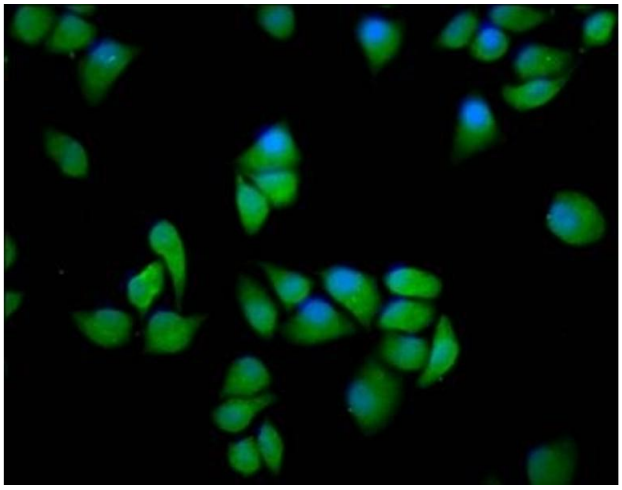
Handling

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.



Immunohistochemistry

Image 1. IHC image of ABIN7169254 diluted at 1:500 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of Hela cells with ABIN7169254 at 1:166, 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).