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Datasheet for ABIN359341 anti-PIKFYVE antibody (Middle Region)

2 Images



Overview

Quantity:	0.4 mL
Target:	PIKFYVE
Binding Specificity:	Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIKFYVE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the center region of human PIP5K3.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to PIP5K3.
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

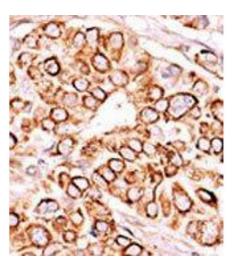
Target Details

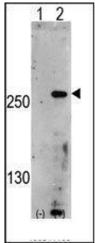
Target:	PIKFYVE
Alternative Name:	PIP5K3 (PIKFYVE Products)

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Target Details		
Background:	PIP5K3 belongs to a large family of lipid kinases that alter the phosphorylation status of intracellular phosphatidylinositol. Signaling by phosphorylated species of phosphatidylinositol regulates diverse cellular processes, including membrane trafficking and cytoskeletal reorganization.Synonyms: 1-phosphatidylinositol-3-phosphate 5-kinase, FAB1, FYVE finger- containing phosphoinositide kinase, KIAA0981, PIKFYVE, PIP5K, PIPkin-III	
Gene ID:	200576, 9606	
UniProt:	Q9Y2I7	
Pathways:	Inositol Metabolic Process	
Application Details		
Application Notes:	ELISA: 1/1,000. Immunohistochemistry: 1/50 - 1/100. Western blotting: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.25 mg/mL	
Buffer:	PBS with 0.09 % (W/V) sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.	

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining.

Western Blotting

Image 2. Western blot analysis of PIP5K3 (arrow) using rabbit polyclonal PIP5K3 Antibody

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