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Datasheet for ABIN7142862 anti-INPP5E antibody (AA 1-133)

3 Images



Overview

Quantity:	100 µg
Target:	INPP5E
Binding Specificity:	AA 1-133
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INPP5E antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human 72 kDa inositol polyphosphate 5-phosphatase protein (1-133AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	INPP5E
Alternative Name:	INPP5E (INPP5E Products)
Background:	Background: Converts phosphatidylinositol 3,4,5-trisphosphate (PtdIns 3,4,5-P3) to PtdIns-P2,
	and phosphatidylinositol 4,5-bisphosphate to phosphatidylinositol 4-phosphate. Specific for

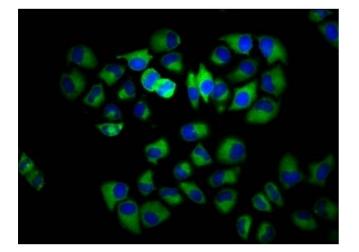
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7142862 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

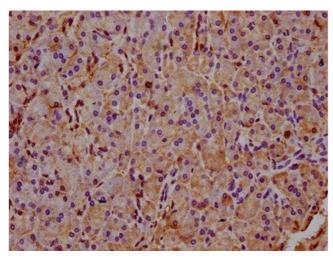
Target Details

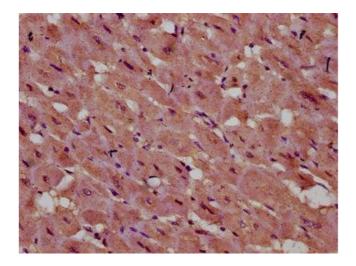
	lipid substrates, inactive towards water soluble inositol phosphates.
	Aliases: 5-bisphosphate 5-phosphatase antibody, 72 kDa inositol polyphosphate 5-phosphatase
	antibody, Inositol polyphosphate 5 phosphatase antibody, INP5E_HUMAN antibody, Inpp5e
	antibody, Phosphatidylinositol (4,5) bisphosphate 5 phosphatase antibody, Phosphatidylinositol
	4 antibody, Phosphatidylinositol polyphosphate 5 phosphatase type IV antibody,
	Phosphatidylinositol polyphosphate 5-phosphatase type IV antibody, PPI5PIV antibody
UniProt:	Q9NRR6

Application Details

Application Notes:	Recommended dilution: IHC:1:200-1:500, 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.







Immunofluorescence

Image 1. Immunofluorescence staining of Hela cells with ABIN7142862 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°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

Immunohistochemistry

Image 2. IHC image of ABIN7142862 diluted at 1:400 and staining in paraffin-embedded human pancreatic tissue 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.

Immunohistochemistry

Image 3. IHC image of ABIN7142862 diluted at 1:400 and staining in paraffin-embedded human heart tissue 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.