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Datasheet for ABIN7467341
anti-HISPPD1 antibody (N-Term)

Overview

Quantity:	100 µL
Target:	HISPPD1 (PPIP5K2)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HISPPD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human HISPPD1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	HISPPD1 (PPIP5K2)
Alternative Name:	diphosphoinositol pentakisphosphate kinase 2 (PPIP5K2 Products)
Background:	Diphosphoinositol pentakisphosphate kinase 2 , CFAP160 , DFNB100 , HISPPD1 , IP7K2 ,

Target Details

VIP2, Inositol phosphates (IPs) and diphosphoinositol phosphates (PP-IPs), also known as inositol pyrophosphates, act as cell signaling molecules. HISPPD1 has both IP6 kinase (EC 2.7.4.21) and PP-IP5 (also called IP7) kinase (EC 2.7.4.24) activities that produce the high-energy pyrophosphates PP-IP5 and PP2-IP4 (also called IP8), respectively (Fridy et al., 2007 [PubMed 17690096]). [supplied by OMIM]

Molecular Weight: 140 kDa

Gene ID: 23262

UniProt: [O43314](#)

Pathways: [Inositol Metabolic Process](#)

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: Raji , K562

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.