

Datasheet for ABIN2786093

**anti-HISPPD1 antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	HISPPD1 (PPIP5K2)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Dog, Guinea Pig, Rat, Cow, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HISPPD1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HISPPD1
Sequence:	SLSSCQQRVK ARLHEILQKD RDFTAEDYEK LTPSGSISLI KSMHLIKNPV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against HISPPD1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	HISPPD1 (PPIP5K2)
---------	-------------------

## Target Details

Alternative Name:	HISPPD1 ( <a href="#">PPIP5K2 Products</a> )
Background:	<p>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. 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].</p> <p>Alias Symbols: FLJ21506, KIAA0433, PPIP5K2, VIP2, IP7K2, HISPPD1</p> <p>Protein Interaction Partner: UBC, ZBTB8B, THOC7, ZC3H15, VAC14, WDR74, WDR6, SUMO1, Protein Size: 1222</p>
Molecular Weight:	138 kDa
Gene ID:	23262
NCBI Accession:	<a href="#">NM_015216</a> , <a href="#">NP_056031</a>
UniProt:	<a href="#">O43314</a>
Pathways:	<a href="#">Inositol Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1222 AA
Restrictions:	For Research Use only

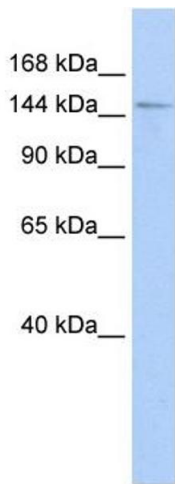
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



Western Blotting

**Image 1. WB Suggested Anti-HISPPD1 Antibody Titration:**  
0.2-1 ug/ml  
**ELISA Titer:** 1:1562500  
**Positive Control:** Transfected 293T